

COMPLIMENTARY ISSUE!

THE SHOPPER'S GUIDE TO NEW PRODUCTS



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FIRST GLIMPSE

PROJECTORS

HT CONNECTIVITY

HOME MONITORING

DIRECT PRINTING

STEREO DECKS

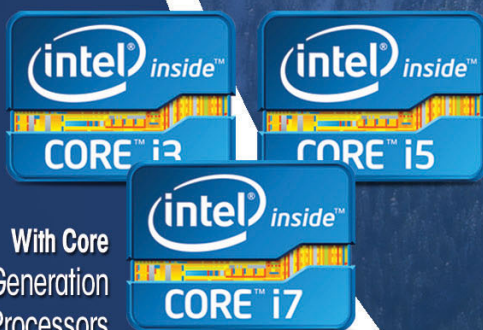
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COVER STORY

Performance & Style

Canon PowerShot ELPH 310 HS

Canon PowerShot ELPH 310 HS | \$275.99
SKU: 391060 | www.canon.com

SLIM & POWER PACKED

The ELPH 310 HS has what it takes to produce pictures you want to compare:

- 8X optical zoom to get up-close shots from far away
- Canon's DIGITAL IMAGE STABILIZER for superior low-light performance
- 12.1 megapixels and large 3-inch LCD
- 28mm wide-angle lens to fit everything into frame, including big groups or horizons
- Smart AUTO technology selects the best shooting mode based on the type of scene or subject
- High-Speed Burst mode to ensure quick and accurate shots, so you don't miss a moment

One-Touch High-Quality Video

The Canon ELPH 310 HS can also record high-quality video in Full HD 1080p. Simply press the camera's movie button, and you can record moments with vivid color and true-to-life details. You can also zoom and capture photo as you shoot video. And to watch your videos, the biggest screen in your home, you can connect the ELPH 310 HS to an HDTV via an HDMI cable.

Get Creative Results With A

Canon D-SLR

Providing the tools necessary for photography enthusiasts and professionals, a Canon D-SLR (www.usa.canon.com) will deliver the image results you want to achieve.

Product Name	EOS Rebel T1 (18MP)	EOS Rebel T2 (18MP)	EOS Rebel T3 (18MP)	EOS 40D (10MP)	EOS 7D (18MP)	EOS 5D Mark II (21MP)
MSRP	\$799.99	\$799.99	\$999.99	\$1,299.99	\$1,899.99	\$2,499.99
Effective Resolution	17.2MP	18MP	18MP	10MP	18MP	21.1MP
ISO	100-12,800 (ISO 6400)	100-12,800 (ISO 6400)	100-12,800 (ISO 6400)	100-12,800 (ISO 6400)	100-12,800 (ISO 6400)	Body only (no lens)
Image Processor	DIGIC 4	DIGIC 4	DIGIC 4	DIGIC 4	DIGIC 4	DIGIC 4
LCD	3.0-inch	3.0-inch	3.0-inch	3.0-inch	3.0-inch	3.0-inch
Shutter Speed	30 to 1/8,000 seconds	30 to 1/8,000 seconds	30 to 1/8,000 seconds	30 to 1/8,000 seconds	30 to 1/8,000 seconds	30 to 1/8,000 seconds
Memory Card Support	SD/SDHC/SDXC	SD/SDHC/SDXC	SD/SDHC/SDXC	SD/SDHC/SDXC	CF Type I and II	CF Type I and II
Maximum ISO	6400	6400	6400	6400	6400	6400
Continuous Shooting Speed	3 shots per second	3.7 shots per second	3.7 shots per second	5.3 shots per second	8 shots per second	5.9 shots per second
Movie Mode	Full HD 1080p	Full HD 1080p	Full HD 1080p	Full HD 1080p	Full HD 1080p	Full HD 1080p
Autofocus System	9 points	9 points	9 points	9 points	19 points	19 points plus 6 AF points
Live View	Yes	Yes	Yes	Yes	Yes	Yes
Face Detection	No	Yes	Yes	Yes	Yes	Yes
Weight (camera body only)	17.4 ounces	18.7 ounces	18.2 ounces	23.8 ounces	28.9 ounces	28.8 ounces
Battery Type	LP-E10 rechargeable	LP-E10 rechargeable	LP-E10 rechargeable	LP-E10 rechargeable	LP-E10 rechargeable	LP-E10 rechargeable

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FirstGlimpse

Volume 9 Issue 1

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On Our Cover: On this month's cover is the Epson Powerlite Home Cinema 3010 projector (www.epson.com), Zeo Mobile Sleep Manager (www.myzeo.com), Withings Wi-Fi Body Scale (www.withings.com), Motorola MOTOACTV GPS Fitness Tracker & Smart MP3 Player (www.motoactv.com), and Intel 2nd Generation Core i3, i5, i7 processors, which are built into select laptops and desktops (www.intel.com).

Get Details On The Latest Product Arrivals



MOTOROLA

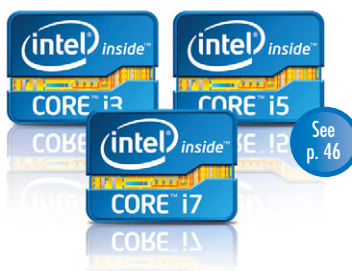
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Product Coverage Inquiries
products@firstglimpsemag.com
(800) 247-4880
131 West Grand Drive
Lincoln, NE 68521

Circulation
(To adjust your bulk order or to request racks.)
marketing@firstglimpsemag.com
(800) 334-7458

Customer Service
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customer-service@firstglimpsemag.com
(800) 733-3809
FAX: (402) 479-2193

First Glimpse
P.O. Box 82545
Lincoln, NE
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Discover New Possibilities
With Today's Technology

Connect Your Life

To make life a little less complicated, there are a variety of connected devices, technologies, and services you can use to your advantage. And with the right solution, you can tackle tasks regardless of where you are—at home, at work, on the road, or on the go. This is where you can discover the latest components to build a connected life and simplify how you retrieve information, enjoy entertainment, manage your life, communicate with others, and more.

The possibilities are limitless. No matter what you dream of doing, the world of consumer electronics can help you accomplish your goals.



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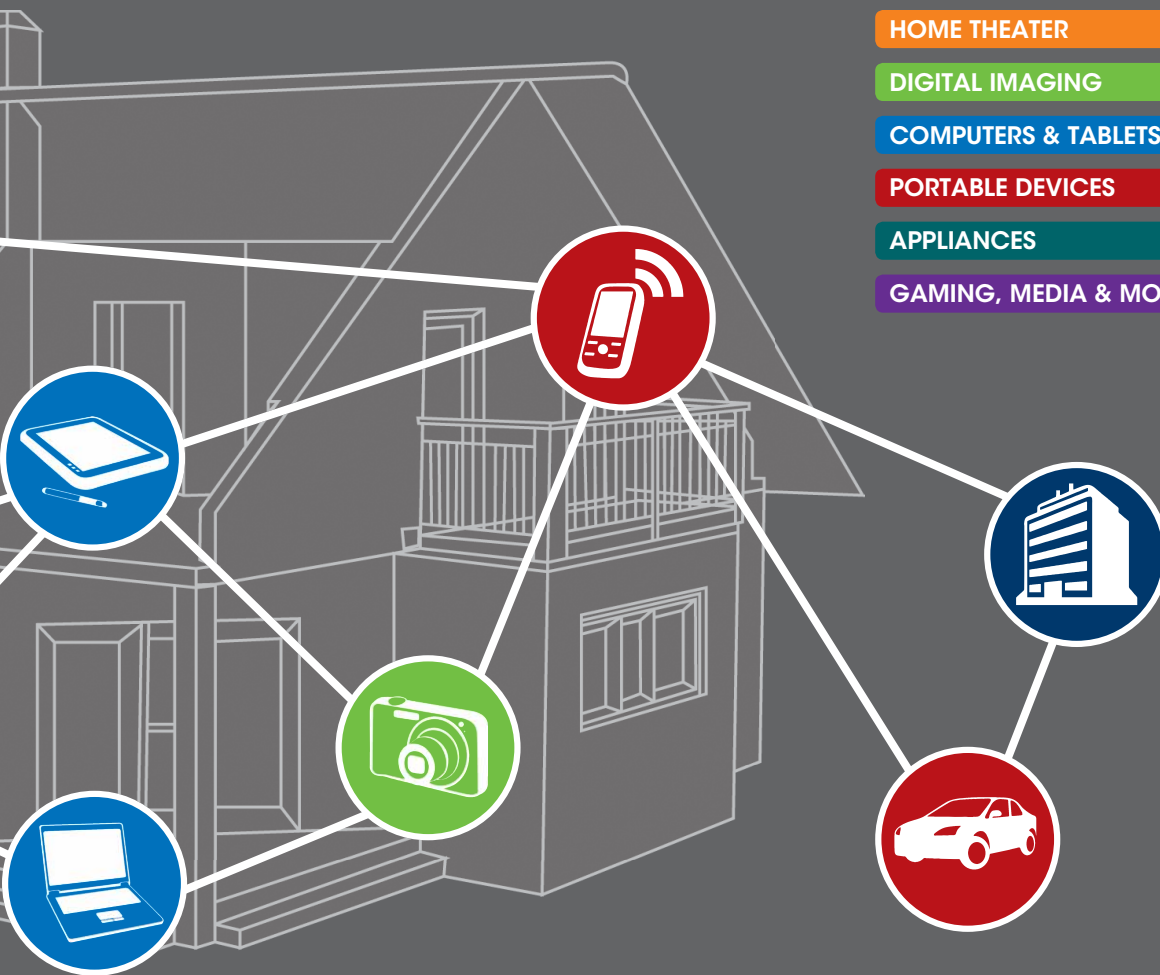
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ce news



America's Love For Apps

According to the Pew Research Center's Internet & American Life Project survey, 50% of U.S. adult cell phone owners have apps on their phones. And, out of the 10% of tablet owners in America, 75% have downloaded apps to their devices. Just under half of Americans said they've paid for an app, and 52% of that group shelled out a maximum of \$5 for their app purchases.

The Reasons We Use Social Media

Facebook, LinkedIn, MySpace, and Twitter. Approximately two-thirds of adults use these social media tools to stay in touch with friends and family members, as found in the Why Americans Use Social Media survey from the Pew Research Center. While half of social networkers use the Web sites to reconnect with old friends, only 14% said they use social media avenues to connect with others that have the same hobby or interest.

TIDBITS



According to Poll Position, 77% of Facebook users say they have just the right number of Facebook friends. Of those between the ages of 18 to 29 years old, 27% said they would like to have more Facebook friends.



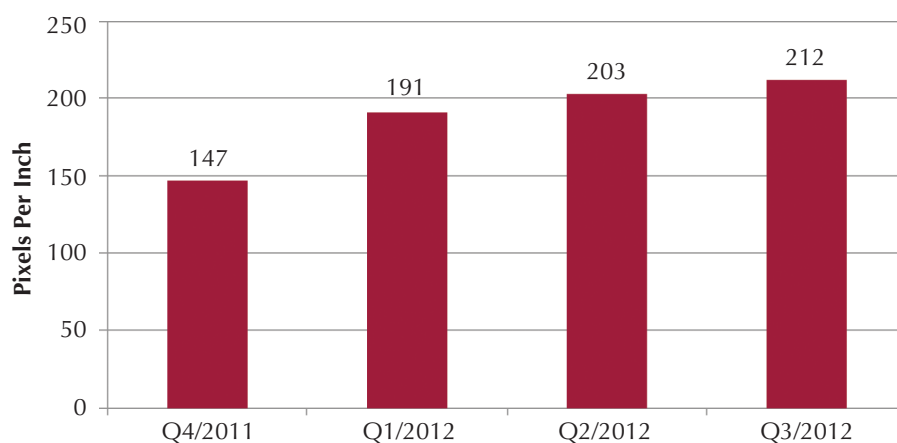
Nearly 50% of those living in the U.S., UK, France, and Germany use another electronic device while they're watching TV at home, says Futuresource. Respondents' popular reasons for doing this included fighting boredom and keeping in touch with friends.

Tablet Screen Resolution

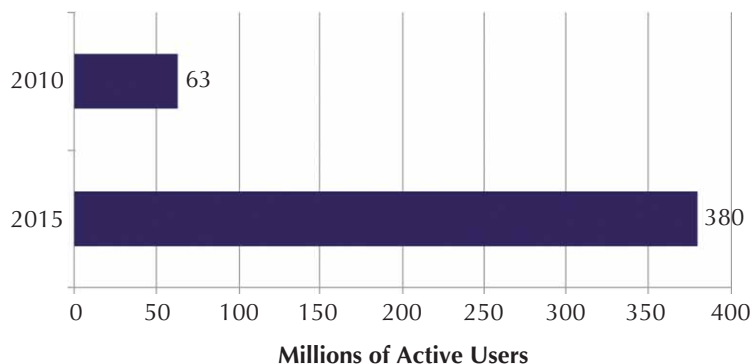
Displays built into tablets will become better and better this year. According to NPD DisplaySearch, the average resolution of tablet screens will grow steadily from 147 pixels per inch late last year to 212ppi this fall. Higher resolution means that tablet displays will be able to show more detail—even beyond 1080 Full HD.

Source: NPD DisplaySearch

Tablet Screen Resolution



Video Calling



Video Calling On The Rise

Move over, Dick Tracy. And eat your heart out, George Jetson. A sci-fi staple, the video phone call, has finally arrived. More and more people are using their computers, mobile devices, and TVs to make face-to-face video calls to their friends, relatives, and business colleagues. In fact, says NPD In-Stat, the number of active video callers will leap from 63 million in 2010 to more than 380 million by 2015. And while very few people use their HDTV for video communication, you can expect to see this significantly change in the years to come.

Source: NPD In-Stat

TIDBITS



A survey conducted by Poll Position found that on a daily basis, 26.3% of individuals between the ages of 30 to 44 spend 7 to 9 hours looking at an electronic screen. That's 1.4% more than individuals who are 18 to 29 years old and 3.3% more than those who are 45 to 64 years old.



According to Poll Position, almost 70% of Facebook users say they are comfortable with the personal information they provide on Facebook. Of those surveyed, women had a tendency to be more OK with what they posted than men.

Big Screens Without Big Prices

Projectors 101

BUILD YOUR OWN HOME CINEMA

HOME THEATER

Go big or go home. That's what you'll hear at the movie theaters: Either watch something on their "big screen," or go home to your noticeably smaller HDTV. So why not bring a cineplex-sized screen into your living room?

From big sporting events such as the Super Bowl to the latest blockbuster movies, an HD projector can truly transform your home theater into a cinematic screening room.



**Epson PowerLite
Home Cinema 8350 Projector**
SKU: 1372995



**Epson MegaPlex MG-50
Portable Digital Dock Projector**
SKU: 4031016



**Epson PowerLite
Home Cinema 3010 Projector**
SKU: 3655614

A Nice Price

Upgrading to a projector may not cost as much as you think.

Above a certain screen size—say 70 or 80 inches—an HD home-theater projector becomes a much more cost-effective option than an HDTV.

The reason is that a projector lets you control how big its image will be. We're talking a 100-, 120-, or even 150-inch picture, more than 12 times the size of a 40-inch flat panel.

Common Features

Today's home-theater projectors support widescreen video in HD resolutions. Many are 720p models, but some can display movies and TV shows in 1080p Full HD, like the Epson PowerLite Home Cinema 8350.

Also, projectors offer keystone correction to square up an image that is projected at an angle to the screen. Some higher-end models such as the Home Cinema 8350 offer lens shift for optimal picture and installation flexibility.

Advanced Features

Take a good look at upscale projectors, and you'll find compelling features that entry-level models don't have. One example is the Epson PowerLite 3010's support for high-definition 3D.

Some advanced projectors support wireless links to HD video sources. A few models even act as a dock. Epson's Megaplex MG-50 can recharge your compatible mobile device as it displays its video and photo content on your screen.

So, You Want To Experience The Biggest Screen

With the largest HDTVs topping out at 80 inches, you can't enjoy the thrill of "huge screen" cinema. Fortunately, a projector is a home-theater solution that delivers a bigger projected screen size. Consider the advantages of big, bigger, and biggest screens below.

HOME THEATER



Epson PowerLite Home Cinema 3010 Projector
SKU: 3655614



Big Entertainment

There's nothing like entertainment that makes you excitedly grip your recliner. When you take part in a big screen HD experience, you can immerse yourself in your favorite TV show or film with a high-quality picture that seems to engulf the room. Whether you choose a big HDTV or a projector that can throw a huge image, you'll find these larger-than-life solutions also pack advanced technologies. Read on to learn which best fits your desire to consume mega-sized media.

The Big Screen

The benefits of a 60- to more than 70-inch HDTV isn't subtle: you'll be able to watch programs with rich color and true-to-life high-definition. Many of these larger sets are smart TVs, which means they can connect to the Internet so you can stream online movies, music, and other Web-based multimedia. It's worth noting that while bigger can be better, you still need to keep your room size and viewing distance in mind when deciding on the size of the TV for your home theater.

The Huge Screen

If you seek a screen size that's as big as you can get, you should move past an HDTV and consider an HD projector. In general, projectors are more cost-effective than a 60-inch and beyond HDTV, so you can get more screen size for your buck. What's more, some of the latest models can project a high number of lumens, making it easy for you to see images on a distant wall or in a bright room. And 3D isn't just for TVs; you can find projectors that are 2D/3D capable and include eye wear.

Four Products To Build A Media Powerhouse

Not every home theater has to have an HDTV. In fact, a projector is a good way to maximize your budget while enjoying a larger screen and extra connectivity options. Here's what you need to build a home cinema with a projector as your cornerstone.

HOME THEATER



Epson PowerLite Home Cinema 8350 Projector
SKU: 1372995

Actiontec MyWireless TV Wireless HD Video Kit
SKU: 3179233

Projector

If you're looking for larger-than-life entertainment, a projector can throw an image that's larger than what most HDTVs can provide. Top of the line home-theater projectors offer a 1080p HD resolution and a high number of lumens for a bright, sharp picture. To learn more about the benefits of projectors, see page 8.

Mount & Screen

In order to properly install your projector in your home theater, you'll need a mount. Most attach to the ceiling, but there are others that can attach a projector to a wall. You'll also need a projector screen, which can range anywhere in size from 80 to 140 inches diagonally or greater, and can be mounted to either a ceiling or wall.

HTiB

Whether your home theater uses an HDTV or a projector, an HTiB (home theater in a box) surround-sound system can greatly enhance your entertainment experience. Some HTiBs are Internet-connectable, so you can expand your media options with Web services such as Netflix, YouTube, CinemaNow, and more.

HD Connection

For the best in image and sound quality, you need high-quality HDMI cables to connect your HT components. Alternatively, you can forgo cable altogether and use a wireless HD solution. For instance, the Actiontec MyWirelessTV HD Video Kit on page 12, can send HD content to your projector from any device with an HDMI output.

Built To Be Multimedia Mavens

Projector Possibilities

To enjoy every bit of entertainment you have, including what's stored on your computer, game console, and more, you need a projector with the necessary inputs and docks. To see what we mean, below are some examples of what a well-connected projector will let you do.

HOME THEATER



Epson MegaPlex MG-50
Portable digital dock projector
SKU: 4031016

Cable Or Satellite

An alternative to big-screen HDTVs, projectors are ideal for watching your cable or satellite TV programming in bigger-than-life HD. Some models can project on a screen that's 12X larger than a 40-inch HDTV, letting you transform your favorite TV sitcoms, reality shows, and dramas into cinematic events.

Computers

Projectors that offer a PC input can expand your entertainment options beyond what you currently enjoy. Everyone can gather in the living room to watch family home movies, school projects, and slideshows that are stored on your computer. What's more, any Internet content will also be at your disposal.

Game Consoles

Hook up your game console and projector, and you can immerse yourself in another world. No matter the game genre, every member of the family will get a kick out of a mega-sized gaming experience. And with a projector that has a high lumen rating, such as 2,000 lumens, they'll be able to see images that are projected in a well-lit room.

Portable Devices

You can make the most of your media-packed portable devices, such as your smartphone, tablet, or laptop with a projector that sports a compatible dock or input. Rather than be limited by a device's small screen, you can simply connect, project, and select the media you want to play using your device or the projector's remote control.

Actiontec MyWirelessTV

HDTV Anywhere

FROM ONE DEVICE TO EVERY HDTV

HOME THEATER

In the bedroom

In the living room

In the kitchen

Wirelessly connect any HDTV and HDMI device in the house.

Actiontec MyWirelessTV Wireless HD Video Kit | SKU: 3179233

Actiontec's MyWirelessTV (www.actiontec.com) gives you the freedom to have an HDTV virtually anywhere in your home. It connects any HDMI device (such as DVRs, Blu-ray Disc players, and game consoles) to any HDMI-capable HDTV.*

Eliminate Cables

MyWirelessTV replaces the HDMI cables between your HDTV and home-theater devices.

- No more poking holes in your walls to hide unsightly cables.
- Rearrange your living room however you like.

HDTV Anywhere

You're no longer limited to the few locations that are wired. With MyWirelessTV, you can have your HDTV anywhere you want it. Add an HDTV to your den, office, garage, or kitchen. Imagine a second screen at your football party. . . anywhere.

Everyone's Happy

You can expand MyWirelessTV to additional TVs and sources. You and the kids can watch what you want, where you want.

- One transmitter per video source
- One receiver per HDTV

3D Ready

MyWirelessTV can even handle demanding 3D HD content, so you and your family can enjoy three-dimensional thrills. Needless to say, "regular" high-def video is not a problem for MyWirelessTV, either.

- 1080p Full HD

Cables & Adapters For Your Home Theater

Connections

By themselves, all those blinking boxes in your home theater aren't much use. Connect them together with cables or wireless links, however, and the fun can really begin.

HOME THEATER



Actiontec MyWirelessTV HD Video Kit
SKU: 3179233



Cables

A/V cables carry audio and video from your Blu-ray Disc player and other content devices to your HDTV. The nice thing about an HDMI cable, in particular, is the fact that it can handle top-quality audio and video simultaneously.

For a wired network connection to the Internet, you can use fast, reliable Ethernet cable. A long cable can connect your HT equipment directly to your network router. If hiding a long cable would be a hassle, consider using short Ethernet cables to link your HT devices to your router through a pair of 200Mbps or faster powerline adapters.

Network Adapters

Some HDTVs, A/V receivers, and BD players are network-capable, but need a special adapter that's sold separately. These may be Ethernet adapters for wired or powerline networks or Wi-Fi adapters for wireless connections. In many cases, the manufacturer of your TV or device will sell a compatible adapter. These usually plug into a USB port on the device.

Wireless adapters such as the Actiontec MyWirelessTV HD Video Kit on page 12 can even transmit HD video and audio between devices. This can give you the flexibility to put your TV anywhere—perhaps even in another room—and not have to worry about running cables to it.

Bring The Internet To Your Home Theater

Connected Add-ons

While there are many Internet-connectable HDTVs available, there are other devices in your home that can bring connectivity to an HDTV. Here's a look at what your options are to join your home theater and the Web.

HOME THEATER



Sony 3D/Wi-Fi Blu-ray
Home Theater System
SKU: 2024262

BD Players

With a Web-enabled BD player, you can stream movies and music from online services and access Web-only features on BDs that have BD-LIVE. Also, having a connected player lets you download the latest firmware updates for your device, ensuring it remains compatible with future BD technologies and features.

HDTVs

If you want one less device in your HT and enjoy the advantages of the Web, look to a smart HDTV. Many TVs can access Web sites and services such as Facebook and Netflix via built-in widgets, or let you surf the entire Internet. Models offer Ethernet ports and/or embedded Wi-Fi, so they can use wired or wireless home networks.

Game Consoles

Not only will you be able to surf the Web using a game console, but you can also check the weather, latest news, and sports stories, plus shop the console's online store for TV, movie, and game downloads. It can also double as a communication tool so you can keep in touch with loved ones via voice or video chat and social media sites.

Audio Systems

Adding smart features to your home theater can be as simple as upgrading your audio system. Most smart audio systems are Wi-Fi-ready or have an Ethernet port, and they'll let you search for content and use apps just like you would on a smart TV. It'll also include all the components you need—speakers, a receiver, and perhaps a disc player.

Plug Your Devices Into Your HT Sound System

Depending on the capabilities of your home theater's A/V receiver—the heart of your audio system—you may have entertainment options you haven't even considered. Read on to learn how some A/V receivers are built to offer versatile media options.

HOME THEATER



**Yamaha RX-V671BL 7.1
Network Receiver**
SKU: 2052264

**Sony HTCT550W
Soundbar with
Wireless Subwoofer**
SKU: 1997321

**Samsung HT-
D6730WZA
3D/Wi-Fi Blu-ray
HT System**
SKU: 2047401

Docks

Lots of A/V receivers support docks, which are recharging cradles with advanced connections for MP3 players such as iPods. Not only can a dock feed your iPod's music to your HT sound system, but perhaps also your video and photos to your HDTV. A dock may come with a receiver or be sold separately.

Online Media

If your sound system's receiver supports Ethernet cable or wireless networking, perhaps with an optional adapter, you may be able to take it online. Many A/V receivers support Internet radio stations, streaming video services, and more. That means a bountiful variety of music, movies and other entertainment.

A Smart Remote

Some receivers allow you to turn your smartphone or tablet into a universal remote that can control most or all of your home theater's functions, including volume, sound input, and more. The receiver manufacturer may offer an app you can download and install on your smartphone or tablet.

Other Devices

If your tablet, phone, MP3 player, portable game system or other gadget has a headphone jack, you can channel its audio into your home theater's sound system. Simply plug it into one of the receiver's inputs such as an auxiliary port with a 3.5mm stereo audio cable. Some receivers also allow wireless hookups via Bluetooth.

All The Right Notes

Speaker Types

Although all cars exist to provide transportation, certain cars are a better match for certain drivers. The same is true of speakers in that they all output audio, but certain styles are better suited to certain listeners. Here's a look at what four speaker types have to offer.

HOME THEATER



**Yamaha Natural Sound 3-Way
In-Wall Speaker Pair**
SKU: 7688834

**Sony Altus S-Air Wireless
Compact Speaker**
SKU: 9406216

Floor Speakers

Also called tower speakers, this speaker type is generally tall and wide. Although their size precludes placing them anywhere but on a floor, they're typically more powerful and can output louder and more dynamic sound. They house multiple drivers to cover the entire audio spectrum, giving you an expansive sound.

Bookshelf Speakers

Usually about a foot tall or less, these speakers can inconspicuously reside on a bookshelf or table. Bookshelf speakers typically house a tweeter and woofer to cover the mid-low to high audio range. Consider adding a separate sub-woofer to bolster the low end, especially if you'll be watching a lot of movies.

In-Wall & Ceiling Speakers

These unobtrusive speakers can mount flush and hide their wires. Some models have paintable frames, enabling them to seamlessly blend into a room. Though more difficult to install in existing spaces, they're great for new houses, home-theater remodeling projects, and whole-house systems.

Wireless Speakers

Beyond reducing wire clutter, wireless speakers are generally easy to install and move about. Wireless coverage, typically relying on Bluetooth or RF (radio frequency), can extend past 300 feet depending on the model. Overall, wireless speakers are a great alternative to stringing wire in inconvenient areas.

Connect Your Home Theater

Network Options

Streaming video, Web access, big-screen video chat, on-screen widgets, BD Live—these are just some of the compelling reasons to take your home theater online. Now the question is the best way to plug it into your Internet connection.

HOME THEATER



Ethernet Cables

Your fastest option is good, old-fashioned network cable. Run a CAT 5/5e/6 Ethernet cable between your HT devices and your router, and you can achieve network speeds of up to 1Gbps. Of course, you'll need to route the cable so no one will trip over it, which may mean putting it under baseboards or through walls. (If you have more than one Internet-connectable HT device, you can buy an Ethernet hub or switch so they can all share a cable connection to your router.)

Wi-Fi

The wonderful advantage of a wireless connection is the fact that you won't have to run a long cable between your home theater and your router. For the most stable streaming video performance, make sure that your HT devices and wireless router all support Wi-Fi N (802.11n) without the word "draft" next to it. And if you buy a concurrent dual-band router, you'll be able to use more connected devices with less network congestion.

Powerline

A powerline network offers you all of the stability and much of the speed of an Ethernet cable connection, and also the easy setup and convenience of Wi-Fi. It safely uses your home's electrical wiring to carry data from your HT to your router. Starter kits come with two adapters so you can create a network in minutes. Look for powerline adapters that have 200Mbps or faster speed ratings, as well as multiple Ethernet ports to support two or more HT devices.

Essential Things To Know

Input/Output Basics

Nearly every device in your home theater, such as your HDTV and Blu-ray Disc player, uses A/V cables. Here's a primer on what those cables do and how to connect them properly.

HOME THEATER



Actiontec MyWirelessTV
HD Video Kit
SKU: 3179233

What do all those cables do?

Put simply, they connect the output ports of devices that provide A/V content to the input ports of your TV or sound system. For example, you could plug one end of a compatible cable into your satellite/cable box's output port and the other end of the cable into one of your HDTV's inputs.

How will I know where to plug in each cable?

In many cases, each type of cable has a unique connector that can only plug into the correct type of input or output port. The ports should be labeled on the device, too. RCA-style cables can be used for several types of A/V signals, so they're often color-coded to match the right type of port.

Given a choice, what is the best cable to use?

A high-quality HDMI cable is the best for devices with multiple A/V port options. It can carry both HD digital video and surround-sound HD digital audio at the same time, so you only have to use one cable instead of two or more. Not every gadget comes with an HDMI port, however, so you may need to use other types of A/V cables to connect devices such as game consoles and MP3 players.

What types of video cables are there?

Another type of video connection used by home-theater devices is called Component video. It actually employs several color-coded, RCA-style cables to carry good-quality video. Older equipment may use lower-quality types of cables such as S-Video or Composite video (a single yellow RCA connector).

What audio cables might I encounter?

Various devices can use analog audio cables with RCA connectors (usually a white one and a red one) or headphone-style plugs. Some also support medium-quality digital audio via coaxial (RCA) or optical cables.

Can I replace cables with wireless connections?

Yes. Some new devices, such as the Actiontec MyWireless TV on page 12, can transmit even 3D HD video and audio wirelessly, so you can replace any type of A/V cables without losing quality.

Audio & Video The Way It Should Be

HDTV Calibration

Out of the box, an HDTV's audio and video settings are programmed to make it look and sound the best in a retail environment. Because it's unlikely your home theater is noisy and fluorescent-lit, you need your HDTV professionally calibrated to match its unique setting.

HOME THEATER

See In-Store **DEMO**



Service Details

- An ISF-certified installer will visit your home and optimize your HDTV's audio and video so you can enjoy content the way it's intended to be heard and seen.
- Using professional calibration tools, the installer will adjust video settings to meet ISF standards on two different source inputs.
- To create a tidy home-theater appearance, the installer will dress all cables and wires behind your HDTV.
- Any special features or capabilities of your HDTV's remote control that may be helpful to you now or in the future will be explained by the installer.

Calibration Benefits

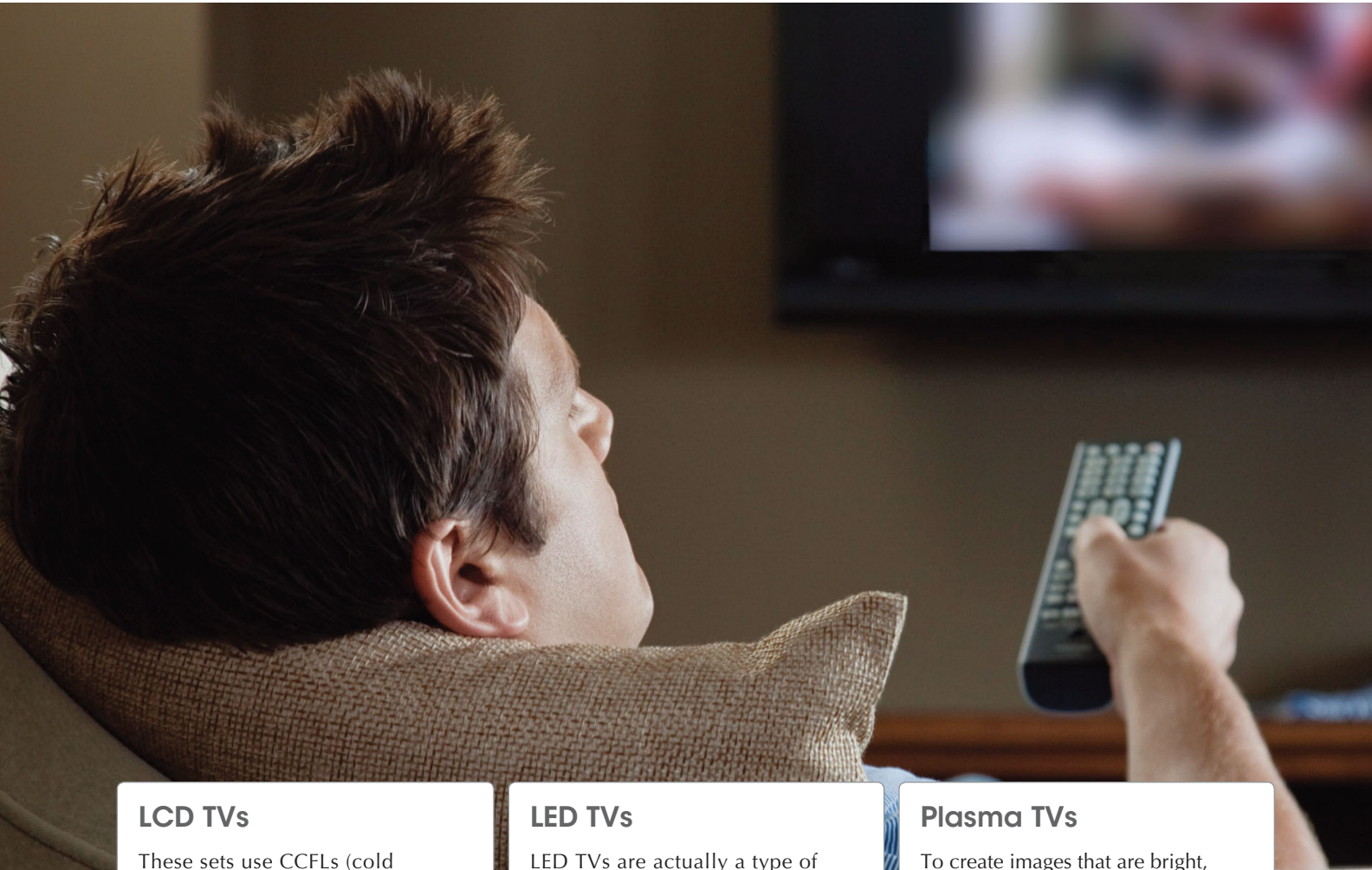
- Overall, the quality of your HDTV's on-screen images will be better and look more true to life. Notably, skin tones and snow scenes won't appear off-color.
- To ensure a fully immersive audio experience, your surround-sound speaker levels will be optimized and the position of your speakers will be checked.
- Your TV's contrast will yield brighter whites and darker blacks, letting you see details you wouldn't have noticed before.
- Cable management makes it easy to identify inputs and outputs and keeps your home-theater setup tidy.

Screen Technology Differences

HDTVs

To pinpoint the best HDTV screen technology for your needs, you should consider the type of content you want to watch and the location in which you'll put your TV. Here's a look at what sets screen types apart, their benefits and drawbacks, and situations where they're ideal.

HOME THEATER



LCD TVs

These sets use CCFLs (cold cathode fluorescent lamps) or LEDs (light-emitting diodes) to project on-screen images. See the next column for more details on LED TVs.

- Ideal for wall mounting because they are thin and lightweight
- Consume a little less power than plasma TVs
- Best for bright, sunny rooms

LED TVs

LED TVs are actually a type of LCD TV and they use either full-array or edge-lit backlight configurations of LEDs.

- Use a lot less electricity than other TVs and don't contain harmful mercury
- Tend to have a longer lifespan
- Thinner design with high contrast ratios and fast response times
- Best for eco-conscious viewers

Plasma TVs









To create images that are bright, vibrant, and clear, plasma TVs electrically charge small cells that contain ionized gas.

- Enjoy deep blacks and bright whites with a high contrast ratio as well as wide viewing angles
- A more cost-efficient technology for TV screens that are 42 inches or more
- Best for large and dark home theaters

Watch True-To-Life Video On An LCD Or LED TV

If you're shopping for an LCD TV, the first thing you should know is that an LED TV is actually a type of LCD TV. What makes them different are the light technologies they use to project images, as detailed below. While you're here, take a look at what else sets LCDs apart.

HOME THEATER

What It Means		Light projection	Size	Dimensions; Weight*	Native resolution	Viewing angle	Inputs & Outputs	Refresh rate**
		How images are projected on-screen; type of backlight an LED-LCD uses	The diagonal measurement of the TV's screen	Height x width x depth; How much the TV weighs	A fixed TV resolution; images are best displayed in this	The angle at which the viewer can see the screen clearly	Inputs let you connect devices; Outputs transfer information to peripherals	Speed at which a screen is redrawn every second
	Samsung LN46D630 SKU: 2122306	CCFL	46 inches	26.5x43.9x3.2 inches; 41.2 pounds	1080p	N/A	4 HDMI, 2 Component, 2 Composite, 1 PC, 2 USB; 1 audio out	120Hz
	Toshiba 55G310U SKU: 2363655	CCFL	55 inches	33.49x52.8x4.09 inches; 66.8 pounds	1080p	N/A	3 HDMI, 1 Component, 1 PC, 1 USB; N/A	120Hz
	RCA LED42A55R120Q SKU: 2877143	LED (edge-lit)	42 inches	26.9x39.9x2 inches; 34.5 pounds	1080p	168 degrees	4 HDMI, 1 Component, 1 Composite, 1 PC; N/A	120Hz
	Westinghouse LD-4655VX SKU: 1997794	LED (edge-lit)	46 inches	26.9x43.2x2.14 inches; 35.3 pounds	1080p	176 degrees	2 HDMI, 1 Component, 1 Composite, 2 PC; 2 audio outs	120Hz
	LG 55LW6500 SKU: 2355204	LED (edge-lit [LED Plus])	55 inches	30.9x51.12x1.25 inches; 48.5 pounds	1080p	N/A	4 HDMI, 2 Component, 1 PC, 2 USB; 1 digital audio out	240Hz
	Sony KDL60NX720 SKU: 2371038	LED (edge-lit)	60 inches	31.75x50.5x1.12 inches; 50.9 pounds	1080p	178 degrees	4 HDMI, 1 Component, 2 Composite, 2 USB, 1 PC; 1 digital audio out, 1 audio out	120Hz
	Sharp AQUOS LC-80LE632U SKU: 3552918	LED (edge-lit)	80 inches	33x54.45x2.84 inches; 65.7 pounds	1080p	N/A	4 HDMI, 1 Component, 1 Composite, 1 PC, 2 USB; 2 audio outs	120Hz
	Elite PRO-60X5FD SKU: 3143429	LED (full-array)	60 inches	33.5x55.12x3 inches; 66.1 pounds	1080p	176 degrees	4 HDMI, 1 Component, 1 Composite, 2 USB, 1 PC; 1 digital audio out	240Hz

*Unless specified, this is without stand.








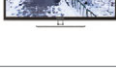
**Comparing refresh rates between plasma and LCD TVs is like comparing apples to oranges. For more in-depth information about refresh rates, please ask a sales associate.

FirstGlimpse

Experience Bold & High-Contrast Color On A Plasma TV

If you're planning to buy a plasma HDTV, it might be hard to decide on one just by looking at a wall of gorgeous sets. Refer to this chart for further help when shopping.

HOME THEATER

What It Means		Size	Dimensions; Weight*	Native resolution	Viewing angle	Inputs	Outputs	Refresh rate**
		The diagonal measurement of the TV's screen	Height x width x depth; How much the TV weighs	A fixed TV resolution; images are best displayed in the native resolution	The maximum angle at which the viewer can see the screen clearly	Inputs let you connect your components to your TV	Outputs transfer information from your TV to peripherals, such as audio to speakers	Speed at which a screen is redrawn every second
	Insignia NS-50P650A11 SKU: 9745916	50 inches	31.3x47.4x 2.8 inches; 50.7 pounds	720p	N/A	2 HDMI, 2 Component, 1 Composite	2 audio	600Hz
	Panasonic VIERA TC-P46X3 SKU: 2125242	46 inches	27.7x44.4x 3.7 inches; 58.5 pounds	720p	N/A	2 HDMI, 1 Component, 1 Composite, 2 USB, 1 Ethernet	1 audio	600Hz
	Samsung PN51D450A2 SKU: 2135081	51 inches	27.9x46.9x 2.3 inches; 49.6 pounds	720p	N/A	2 HDMI, 2 Component, 1 Composite, 1 USB	1 audio	600Hz
	Samsung PN51D490A1 SKU: 2135072	51 inches	27.9x46.9x 2.3 inches; 49.6 pounds	720p	N/A	2 HDMI, 2 Component, 1 Composite, 1 USB	1 audio	600Hz
	Panasonic VIERA TC-P55ST30 SKU: 2201056	55 inches	32x52.2x 2.8 inches; 72.8 pounds	1080p	N/A	3 HDMI, 1 Component, 1 Composite, 2 USB, 1 Ethernet	1 audio	600Hz
	LG 50PZ950 SKU: 2355222	50 inches	28.3x46.7x 2 inches; 62.2 pounds	1080p	N/A	4 HDMI, 2 Component, 2 Composite, 2 USB, 1 PC, 1 Ethernet	1 audio	600Hz
	Samsung PN59D6500D SKU: 2254075	59 inches	32.6x54.3x 1.5 inches; 67.5 pounds	1080p	N/A	4 HDMI, 2 Component, 1 Composite, 1 USB, 1 PC, 1 Ethernet	1 audio	600Hz
	Zenith Z60PV220 SKU: 3990507	60 inches	35.6x54.6 x13.2; 84.9 pounds	1080p	N/A	3 HDMI, 2 component, 1 USB, 1 PC, 1 RF	1 audio	600Hz

*Unless specified, this is without stand.

**Comparing refresh rates between plasma and LCD TVs is like comparing apples to oranges. For more in-depth information about refresh rates, please ask a sales associate.

Essential Accessories

As you head toward the HDTV section of your local CE retailer, you'll pass shelves filled with HDTV accessories. To get the most out of your HDTV, you should invest in some key accessories for a complete home-theater setup.

HOME THEATER



Wireless HD Connectivity

While you could use HDMI cables to connect audio and video sources to your HDTV, you can alternatively use a wireless HD connection to send content from any device that has an HDMI output to your home theater. This option also gives you more flexibility in terms of where you can place your home theater components.

Actiontec MyWirelessTV Wireless HD Video Kit | SKU: 3179233

Blu-ray Disc Player

A BD player lets you watch every DVD and Blu-ray Disc in your collection. Many models have built-in Internet capabilities so you can expand your content options to include online media services such as CinemaNow, Netflix, YouTube, and more. Additionally, more advanced BD players are 3D BD compatible for those with 3D-capable HDTVs.

Sony 3D Blu-ray Disc Player | SKU: 2173117

A/V Receiver

An A/V receiver serves as the hub of a home theater. It routes audio and video signals to and from components in your setup, such as your HDTV, BD player, surround-sound system, or game console. Most A/V receivers have HDMI, optical digital audio, and stereo analog connections as well as a variety of other inputs and outputs to accommodate different HT devices.

Yamaha RX-V371 A/V Receiver | SKU: 2052194

Speakers

While you can rely on an HDTV's built-in speakers for audio playback, you won't enjoy the best in home-theater audio. Instead, you should pair your HDTV with an audio solution that can reproduce sound qualities you might otherwise miss. Audio add-on options include an HTiB (home theater in a box), sound bar, or individual speaker components.

Samsung 2.1 Audio Bar System | SKU: 2052088

Get The Most From Your Home Theater INVESTMENT

HOME THEATER



BUY BACK PROGRAM

While it may be brand new now, your HDTV or disc player can quickly become outdated by new features and technologies. To ensure you always have the latest and greatest, purchasing the Best Buy Buy Back program with your home-theater purchase is a wise investment.

Pay the one-time program fee, and within four years you can bring back your HDTV, or within two years your disc player, to Best Buy in exchange for a gift card to use toward a new device.

BD or DVD Player Purchase Price

\$149.99 or less
\$150 or more

One-Time Program Fee

\$7.99
\$14.99

HDTV Player Purchase Price

\$499.99 or less
\$500 to \$1,199.99
\$1,200 to \$2,499.99
\$2,500 to \$4,999.99

One-Time Program Fee

\$39.99
\$59.99
\$99.99
\$179.99

Time Passed Since Your Purchase

Up to 6 months
6 to 12 months
12 to 18 months
18 to 24 months

Buy Back Amount Given

50%
40%
30%
20%

Camera Setup & Training Online Support Card

If you want to learn the ins and outs about your new camera, you can get one full hour of assistance from a Geek Squad agent for only \$29.95. All you need to do is purchase an online support card and when you need help, activate the card. From there, an agent can remotely tie in to your computer and teach you how to do the following:

- **Transfer photos** from your camera to the computer or from your computer to an online Web site
- **Import photos** to the photo editing program of your choice
- **Use the software** that came with your camera (or a free program of your choice) to perform basic photo edits like removing red-eye
- **Use all the basic functions** of your new camera (through a 15 minutes Q&A session on camera operations)



GEEK SQUAD[®] BLACK TIE PROTECTION

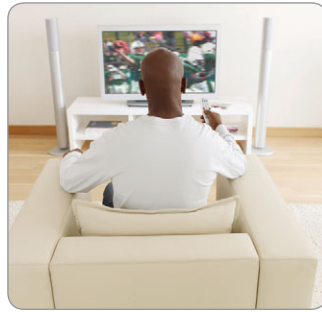
Black Tie Protection offers troubleshooting support and services for up to four years. Geek Squad agents will keep your camera operating at its peak and fix problems that occur due to normal wear/tear. With a special "lemon" policy, if your camera needs to be fixed more than four times, you'll get a new camera! Under the Premium Plan, you also get the following:

- **Telephone trouble-shooting** up to four times a year
- **Annual maintenance** to clean and inspect your camera

HDTV Glossary

Balderdash! OK, HDTV jargon isn't quite that bad, but there are a few terms that every shopper needs to know. Here is your cheat sheet.

HOME THEATER



aspect ratio—Put simply, it's the shape of the TV's screen. An HDTV has a wider picture than a traditional TV of the same vertical screen height. An HDTV has a 16:9 aspect ratio, meaning that if its screen were 16 inches wide, it would be 9 inches tall. A regular 4:3 TV screen would be 12 inches wide at the same 9-inch height.

HDMI (High-Definition Multimedia Interface)—A type of cable connection that carries both high-resolution video and uncompressed multichannel audio between HDTVs, home-theater receivers, and the other components required for your home-theater setup. HDMI cables maintain top picture and sound quality.

HD tuner—A built-in tuner for receiving local high-def broadcast TV channels. You won't need one if you have cable or satellite service. Most HDTVs include one, but separate HD tuners and antennas are available if your TV doesn't have one.

interlaced—When an HDTV displays an interlaced image, as in 1080i or 480i resolutions, it really shows you

every other horizontal line of a frame of video (called a field) at a time. Sixty times a second, the TV displays the other field of the frame, or the lines not shown in the previous field. Interlaced video can appear to flicker or might cause moving objects on-screen to have blurred edges.

LCD (liquid-crystal display)—Like a notebook's screen, an LCD HDTV uses a fluid crystal substance to form pixels of color in front of a back-light. LCDs may not be able to match plasma TVs' deep black and gray areas, but they're lighter, sometimes less fragile, and considered easier to set up. These work better in brighter rooms or if you will be playing unchanging images on the screen for an extended period of time.

plasma—Plasma TVs use a tiny tube of gas for each pixel, and electricity makes each pixel glow. Plasmas create deeper blacks and sometimes brighter colors than LCDs and have better contrast. These also offer slightly better viewing angles. However, older or less expensive models can also suffer from permanent screen damage if an unchanging image, such as a TV channel's

stock ticker or parts of certain video games, is displayed too long.

progressive scan—A TV showing a progressively scanned image, as in 1080p or 720p resolutions, displays a full frame of video (both odd-lined and even-lined fields) all at once. Progressive scan video looks sharper than interlaced does and doesn't flicker.

projection—Some large-screen HDTVs offer lower-priced alternatives to LCDs or plasmas by using projection technologies. These technologies vary, but all projection TVs throw light on a screen from the front or rear. This means they are bulkier than plasmas or LCDs, but some sets have stellar picture quality.

viewing angle—No matter where you sit in front of an HDTV with a wide viewing angle, such as 170 degrees, its picture should look reasonably good. Test this before you buy.

widescreen—A TV or monitor that's wider horizontally in relation to its vertical height. HDTVs typically have a 16:9 aspect ratio rather than an older 4:3 display.

Camera Features You Should Know

Your next digital camera could be much more fulfilling with just a few key features. Don't worry; we're here to help. Here's your camera shopping cheat sheet.

DIGITAL IMAGING



Sony Alpha NEX-5K/B | SKU: 1599068

Dual Image Stabilization

How often do you carry around a tripod? Truth is, we shoot the vast majority of our photos with a handheld camera. To ensure you take crisp looking images, a camera with dual-image stabilization will optically and digitally steady your shots to prevent blur caused by camera shake.

Face Detection Technology

Say cheese. . . People's faces are the most important elements in our photos. As such, cameras with face detection technology use the faces of friends and loved ones as reference points when it automatically sets its focus and exposure settings. This ensures everyone looks their best.

Panorama Mode

Scenic vistas, such as the Grand Canyon, simply can't be captured with a single camera shot, especially on a point and shoot model. This is why some models offer a panorama mode. This technology will "stitch" together the separate images you take into a single, big, panoramic photo.

Touchscreen Display

It's much easier to capture those fleeting moments when you don't have to stop and navigate your camera's menu settings. Cameras that have touchscreen displays deliver intuitive control with icons and gestures such as pinching your fingers together to zoom.

Upload, Organize & Back Up Your Media With Ease

Post-Shot Solutions

After you've captured photos and videos to make your memories last forever, you're faced with the chores of uploading, organizing, and backing up your media. There are many products that can streamline this part of the process—some will even do it automatically!

DIGITAL IMAGING



Sony Bloggie 4GB
SKU: 2299332

Eye-Fi Pro X2 SD Card
SKU: 9761086

Samsung SH100
SKU: 1987057

Roxio Creator 2012
SKU: 3303041

Shoot & Share

After recording video and taking photos, you want to share them with loved ones. Most shoot-and-share camcorders make this process quick and easy with built-in software that detects when you connect the device via USB to your computer. This lets you edit and upload your media to services such as YouTube and Facebook in no time.

To The Cloud

A memory card with Wi-Fi capabilities will automatically transfer media from your camera to your PC, tablet, or smartphone. It may also offer a cloud storage service that lets you back up and save your photos and videos on the Web. This also lets you view, download, and share your memories wherever you have Internet access.

Wi-Fi Cameras

A point-and-shoot camera with Wi-Fi capabilities lets you upload photos to your PC, send images via email, and post pictures online without ever having to physically connect it to another device, such as your computer. To share your photo-worthy memories, all you need to do is connect the camera to an available Wi-Fi hotspot.

PC Software

By using a program with automatic media backups, your memories can be organized and archived on a variety of media, such as external hard drives or discs. Some will also help you save hard drive or disc space by recognizing if an image or video has already been backed up and preventing it from being written more than once.

Share Your Photos Multiple Ways

Slideshow Solutions

You can make your photos come alive by turning them into a slideshow, complete with background music and transitions. Below are several easy ways you can make great-looking slideshows to share with your friends and family.

DIGITAL IMAGING



Samsung MV800
SKU: 3124037

Roxio Creator 2012
SKU: 3303041

Editing Software

Most photo and video editing applications come with tools to turn your still images into masterful presentations. From sentimental commemorations of special occasions to goofy fun with pets and kids, editing software often makes it easy to whip up a perfect slideshow. Most also come with easy-to-use sharing features, too, such as a one-click uploading to online sharing sites and disc-burning features to put your slideshow on DVD.

Camera Features

Plenty of digital cameras and camcorders can play slideshows of the still images you take. For instance, your camera's review mode may have a slideshow option to display your images one by one on the camera's LCD. And when you'd like to share your photos with a larger group, why not put them on the big screen? Simply connect your camera to your HDTV or A/V receiver with an HDMI cable, so everyone can enjoy the show.

Sharing Services

Photo sharing Web sites give you lots of ways to let your friends and family enjoy your pics online. One popular feature of these media Web sites is the means to create slideshows. Using online tools, you can upload and arrange your pics in order, add fades or other transitions, and even set your show to music. Once you're finished, you can post a link to your slideshow on a social networking Web site or send it via email to a select group of people.

Make The Most Of Your Captured Memories

Convert Old Media

We all have cherished family photos taken years before the popularity of digital cameras. Don't let those memories lie unremembered in a storage box—use a scanning device to digitize those photos, slides, and negatives so you can print and share them for years to come.

DIGITAL IMAGING



**Epson WorkForce 845
All-In-One Printer**
SKU: 3425051

**ION Audio PICS 2 SD
Photo, Slide & Film Scanner**
SKU: 1806207

Scan Memories

A photo scanner simplifies the conversion of photo prints to digital image files. Simply insert a photo print, and the scanner will save it as a digital file on a memory card. From there, you can edit or add special effects to the files using media editing software on your computer or pop the SD card into a digital photo frame to instantly enjoy a slideshow display. Some models can also digitally convert photo slides and negatives so you can back up your entire collection for the future.

Print, Copy & Scan

An all-in-one printer can tackle a variety of media tasks in addition to photo scanning. Not only can you convert photo prints into digital files, but you'll also be able to instantly make copies, print borderless images in seconds in addition to handling your everyday document needs. Many AIO printers have LCDs that let you edit and preview your images before printing them, and some models have built-in memory card slots so you can print without using a computer.

Media Services

Time, heat, and humidity can wreak havoc on print photos, VHS tapes, and film reels. If you don't want to deal with the time-consuming endeavor of converting old media to digital files, there are services that can handle the process for you. Often, all you need to do is gather your old media, put it in a box, and ship it to a facility that will digitally convert everything. And to ensure your memories last for years to come, these service providers can also back up your files on a DVD or portable hard drive.

Snap Better Photos With Camera Lenses

Your D-SLR or compact system camera probably came bundled with a good lens for all-around use. A sound reason to consider buying another lens is because it will help your camera take much better pictures in certain situations.

DIGITAL IMAGING



**Olympus Zuiko 35mm
Digital Macro Lens**
SKU: 7943292



**Sony 75-300mm f/4.5-
5.6 Super-Telephoto**
SKU: 7909196



**Nikon Nikkor 10.5mm
f/2.8G AF DX Fish-Eye**
SKU: 8638021



Telephoto Lenses

Sports, concerts and theater events usually take place far away from where you're sitting. What a telephoto lens does is to bring the action up close for in-your-face images.

Also called a zoom lens, a telephoto uses a series of carefully matched lenses to magnify the image your camera sees. Many telephotos let you adjust their magnification, so you can "zoom out" for closer subjects.

Speaking of closer subjects, if you want to photograph items close-up, a macro lens can help you a lot.

Wide-Angle Lenses

In a dining room, restaurant booth or party room, it's hard to include everyone in a group photo. You simply can't back up far enough to squeeze in those people on the edges.

Using a wide-angle lens lets your camera handle the squeezing for you. A wide-angle is a mild version of a "fisheye" lens, and it can widen your shot without distorting the image.

You can get stronger image correction with a super wide-angle lens, and even more with a fisheye.

Use It To Your Photographic Advantage

Focal Length

The importance of focal length is often overlooked when browsing your camera options, and it's a feature that impacts the type and quality of pictures you can take. Here, we'll explain what focal length is and how it comes into play when you're capturing images.

DIGITAL IMAGING



Focal Length Defined

Focal length is a feature of a camera's lens, expressed in millimeters, that refers to an image's depth of field. For example, a lens with a focal length of 28mm or lower is considered a wide-angle lens, while a focal length of 75mm or higher is considered a telephoto lens. A 50mm, meanwhile, lens has about the same perspective as the human eye.

Essentially, any digital camera you buy will be a 35mm equivalent camera, which means that the baseline focal length is 35mm and matches the perspective of what the human eye sees. For example, if you have a camera with a 5X optical zoom, the lens can make the subject appear five times closer for a focal length of up to 175mm (35mm x 5).

Determine Your Focal Length Needs

By understanding focal length, you'll be able to choose a camera or lens with the best features for your preferred shooting situation. For example, if you want a point-and-shoot camera and expect to snap photos from a long distance, opt for a camera with a 5X or higher optical zoom.

If you have a D-SLR camera, you use additional lenses to capture shots with different perspectives. For instance, sweeping shots such as landscapes can be achieved with a wide-angle lens (28mm or lower focal length), whereas a telephoto lens (75mm or higher focal length) can capture faraway subjects, such as athletes at a sporting event or animals in their natural settings.

Pocketable Camcorders For On The Go

Shoot & Share

Shoot-and-share camcorders make it easier to record and upload videos and images to your computer and the Web. They are compact, portable, and yet, despite their size, often shoot high-quality video. Here's a look at their many features and benefits.

DIGITAL IMAGING



Sony Bloggie Touch MHS-TS20/S Camera
SKU: 1620184

Portability

Usually no larger than a smartphone, these camcorders are compact and can fit in most pockets. They also weigh less than traditional camcorders and often have wrist straps to carry them around easily. Thanks to their simple and easy-to-use design, anyone from kids to adults can use them.

Capacity

These devices can hold anywhere from 32MB up to 16GB of video and images to built-in memory, and many of them have memory card slots so you can easily expand your storage. How many hours or minutes of footage you can actually record and save will depend on the image resolution you use.

HD Quality

Shoot-and-share camcorders offer a wide range of resolution and zoom options. Some support full HD 1080p video and can take 12MP photographs. Select models have up to 3X optical zoom, image stabilization, autofocus, and other features to create high-quality media results.

Effortless Sharing

Using a built-in USB port, you can connect a shoot-and-share camcorder to your computer to upload files to media Web sites, tag memories, and charge the device. Some models can automatically send files you tag to Web sites or email addresses once you plug it into your computer's USB port.

Get Professional-Quality Prints At Home

All-In-One Printers

It's no longer necessary to have a dedicated photo printer to make prints at home. These days, you can buy an all-in-one printer that will tackle both everyday and photo printing needs. Learn about the versatility of AIOs by considering their functions below.

DIGITAL IMAGING



Brother MFC-J835DW
SKU: 2877513

At-Home Prints

While all-in-one printers are ideal for most of your family's everyday printing needs, they're also capable of creating lab-quality photo prints. With high-resolution and borderless print results, you can frame images as soon as they're printed or keep your baby scrapbook up-to-date with the latest captured moments.

Make It Digital

An AIO can breathe new life in the old photo prints you have tucked away in storage boxes. Using the scanner feature, you can save old photos in a digital format on your computer. Open your files in a photo editing suite, and you can get creative with special effects, cropping, and other enhancements before sharing them with others.

Copies For All

If you're short on time and need an additional copy of a photo print, you can use an AIO to quickly make a duplicate. At the press of a button, you can make multiple copies for friends and family in seconds. Some printer models give you additional control when using the copy function with zoom, brightness, and other setting adjustments.

Built-in Editing

Some models let you bypass your computer and insert a memory card into a built-in memory card reader and use an LCD to preview images and make tweaks before printing. Many models offer tools so you can touch up certain aspects of your photos, such as brightness, color, red-eye, and more.

Home Monitoring Benefits

Get In Control

Thanks to increasingly intuitive home surveillance equipment, you can see what's going on inside or outside your home, day or night. Networkable home monitoring systems let you check on things using an included screen or any Web-connected computer.

DIGITAL IMAGING



iHealth iBaby Monitor
MSRP: \$199.95 | SKU: 3230259

Vacations

You'll be able to have a more relaxing time on vacations or business trips when you can keep an eye on things back home with indoor and outdoor cameras. Even the sight of cameras can reduce the risk of a break-in, and so some vendors sell false, but realistic-looking cameras you can install to discourage bad guys.

Who Can It Be?

The doorbell only rings when you're busy. A camera system can tell you whether it's a pizza delivery or a solicitor. And when you hear a noise at night, you won't even have to get out of bed to see what it is. When you have a camera with night vision, you can be assured that the clamor downstairs is nothing but your cat.

Kids & Pets

It's too quiet. . . What are your kids up to? A quick glance at your phone reassures you that the baby's still asleep and the older kids are playing quietly together, for once. As for your retriever, perhaps you don't quite trust him to be home alone. With surveillance, you can periodically check in to make sure he's not being naughty.

Expectation

Online tracking tells you that a package has been delivered to your home. What it doesn't tell you is whether the delivery person put it behind the bushes (good) or out in the open for anyone to see (bad). But thanks to your Internet-accessible camera system, you can spend your lunch break with friends instead of going home to check.

The Best In Digital Imaging To Capture Sports

With so many moments to capture, it's paramount that you have the right equipment for every scenario. From shooting your own snowboarding footage or snapping photos of friends running a marathon, here are your best options to capture sports action.

DIGITAL IMAGING



**Sony 75-300mm
f/4.5-5.6 Telephoto D-SLR Lens**
SKU: 7909196

For Adventurers

Extreme sport lovers need a camera that can keep up with their lifestyle. A wearable camera can stay out of the way, yet capture images and footage of your thrill-seeking adventures. Multiple attachments are available to suit a variety of shooting needs and sports, including helmet, chest, bicycle, and wrist strap mounts as well as water-resistant housing. Most models can record 1080p HD video, so you'll be able to revisit the action with professional-quality footage and images.

For Far Away Action

Pairing your D-SLR or compact system camera with a telephoto lens will bring distant subjects close within your view. So, if you're sitting several rows back at your son's first football game, you can easily snap clear, up-close shots that look like they were taken from the sidelines. Telephoto lenses offer different focal length ranges, but it's likely that a lens that's at least 70mm will be sufficient for your photography of distant subjects.

For Spectators

It's not convenient to carry a large camcorder to a sporting event, especially if you need to squeeze into a crowded stand. An alternative is an ultra-portable shoot and share camcorder you can slip into a purse or coat pocket and pull out to record footage of your child's soccer game or karate match. Most shoot and share camcorders can capture 1080p HD video and feature other useful video effects such as digital image stabilization and auto focus.

A Card For Every Occasion

Unique Memory Cards

You may be surprised to learn that not all memory cards are created equal. Different types of memory cards have unique characteristics that are useful for particular situations. Below we highlight the capabilities of these special cards.

DIGITAL IMAGING

Kingston 32GB
SDHC Ultimate X Class 10
SKU: 2662308



Eye-Fi 8GB Pro
X2 SDHC Memory Card
SKU: 9761086

Wireless Connectivity

Memory cards with built-in wireless connectivity will automatically transfer the photos and videos you record to your computer or mobile device once you're within range of a Wi-Fi hotspot. This cuts out the often time consuming task of inserting a memory card into your computer or using a cable to connect your camera and PC to upload, organize, and name media files. Some Wi-Fi memory cards can also back up your files to the cloud and automatically organize them.

Durable Construction

You never know where your next photo shoot will take you, but with a durable memory card in hand you have one less thing to think about. Some cards are built to tolerate harsh conditions, such as being submerged in water and used in frigid temperatures. Other cards feature shock- or vibration-proof technologies so they can tolerate accidental drops and bumps. There are even cards that can resist damage caused by x-rays or magnets.

Extended Capacity

A memory card with a high capacity, or abundant storage space, is ideal for high-quality images and video captured by D-SLR or compact system cameras as well as HD camcorders. The files captured by these devices are large, so a typical memory card would fill up quickly. With a high-capacity card you can continue to shoot photos and videos for long periods of time. Extended capacity cards typically have higher read/write speeds, too, which are essential for shooting hi-res media.

Basic, Mid-Level & High-End Camcorders

In a world where even your cell phone captures HD video, is there still a need for a camcorder? Yes, there is—in fact, now more than ever. When you watch it on your HDTV or share it online, video quality matters, and a camcorder is the best way to get it.

DIGITAL IMAGING



Basic Camcorders

Even entry-level video cameras can often record better images than a typical camera phone. Most camcorders come with a bigger lens, for instance, and that lens is better in quality. Also, many basic camcorders capture sharper close-ups thanks to their optical zoom capability, which is one thing camera phones generally lack. It's often easier to swap memory cards in a camcorder, too, and it's more comfortable to hold one for a long shoot.

Mid-Level Models

One benefit of a mid-range camcorder is typically a larger image sensor. A bigger sensor can capture more of the light coming through the lens (which may also be larger and higher in quality in a mid-level camcorder). This means that the picture will contain less electronic "noise," so you'll get cleaner and sharper picture detail. Mid-range camcorders can also shoot in HD video formats, which is a feature not every entry-level camcorder can claim.

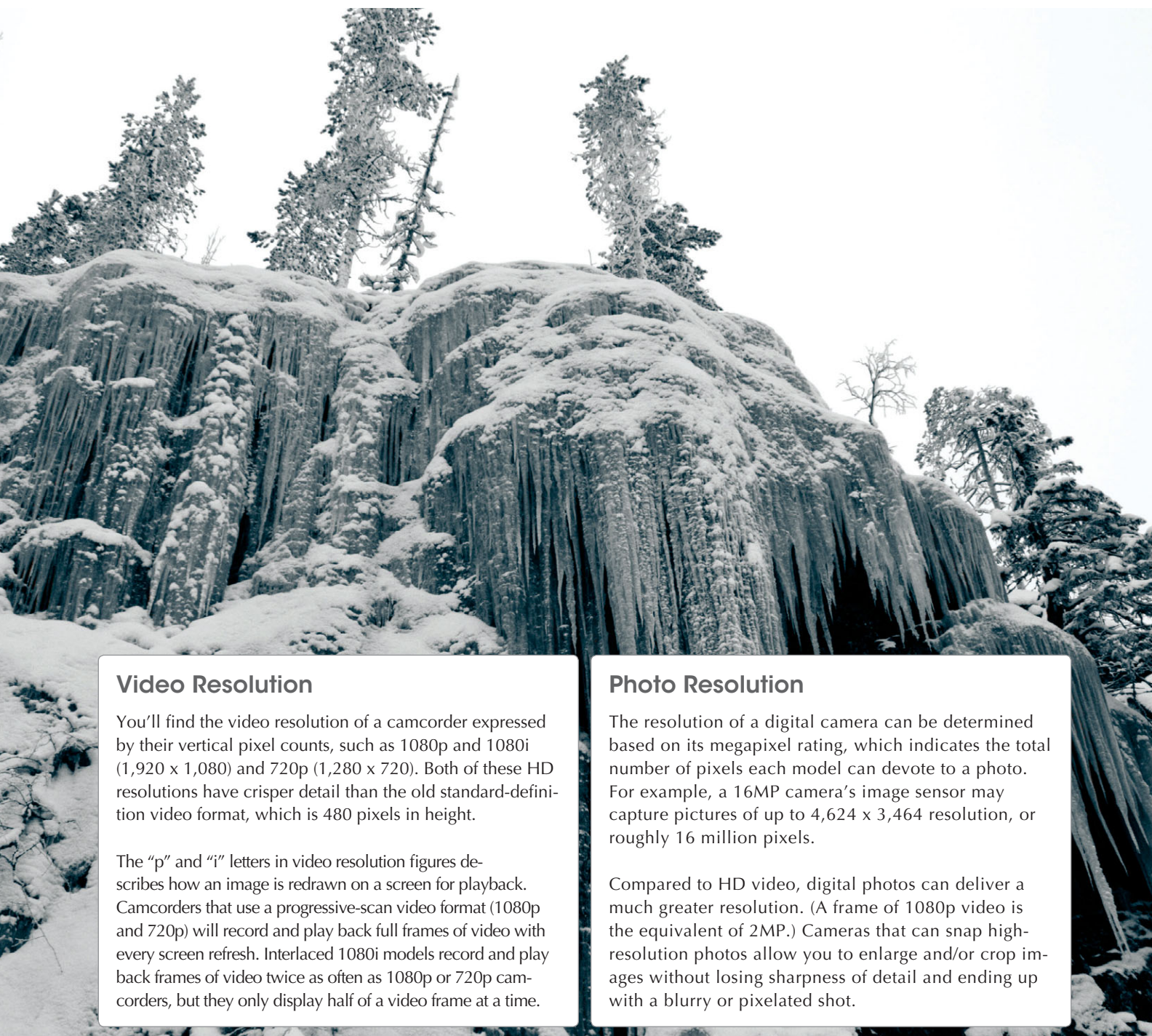
High-End Cams

Only the best lenses and image sensors need apply here. For shooting in low light or other challenging conditions, you'll get the best results with a top-shelf camcorder. They're made to wring the best video possible out of difficult shooting environments, so you can imagine how rich and clear their footage can be under decent lighting. Some high-end models can even shoot 3D video in HD, such as with an optional dual-lens attachment.

Making Sense of Resolution

Digital videos and photos are made up of millions of tiny pixels, or picture elements. Resolution is expressed as the number of horizontal and vertical pixels, such as 1,920 x 1,080. The higher the numbers, the greater the detail.

DIGITAL IMAGING



Video Resolution

You'll find the video resolution of a camcorder expressed by their vertical pixel counts, such as 1080p and 1080i (1,920 x 1,080) and 720p (1,280 x 720). Both of these HD resolutions have crisper detail than the old standard-definition video format, which is 480 pixels in height.

The "p" and "i" letters in video resolution figures describes how an image is redrawn on a screen for playback. Camcorders that use a progressive-scan video format (1080p and 720p) will record and play back full frames of video with every screen refresh. Interlaced 1080i models record and play back frames of video twice as often as 1080p or 720p camcorders, but they only display half of a video frame at a time.

Photo Resolution

The resolution of a digital camera can be determined based on its megapixel rating, which indicates the total number of pixels each model can devote to a photo. For example, a 16MP camera's image sensor may capture pictures of up to 4,624 x 3,464 resolution, or roughly 16 million pixels.

Compared to HD video, digital photos can deliver a much greater resolution. (A frame of 1080p video is the equivalent of 2MP.) Cameras that can snap high-resolution photos allow you to enlarge and/or crop images without losing sharpness of detail and ending up with a blurry or pixelated shot.

Essential Things To Know

Camera Lenses

Having an arsenal of lenses available at your disposal can expand the quality and artistic value of the photos you shoot with your D-SLR or compact system camera. Read on to learn how different lens types can help you zoom into the action, capture vast landscapes, and more.

DIGITAL IMAGING



Nikon Nikkor
16-85mm f/3.5-5.6
Wide-Angle D-SLR Lens
SKU: 8815286



Olympus M.Zuiko
45mm f/1.8
Fixed Micro Four
Thirds Camera Lens
SKU: 3560238



Sony 75-300mm
f/4.5-5.6 Telephoto
D-SLR Lens
SKU: 7909196

My camera came with a lens, so why do I need additional lenses?

There are a variety of lens types that you can pair with your D-SLR or compact system camera to achieve different photography effects and outcomes. Although a kit lens (the lens that came with your camera) will suffice for everyday photos, a specialty lens can help you expand your artistic skills. Turn to page 31 to learn more about how lenses with different focal lengths can benefit your photography.

What are the photography benefits of using a wide-angle lens?

Wide-angle lenses offer myriad shooting options that standard camera lenses can't. For instance, a wide-angle lens can fit an expansive landscape into frame, whereas a normal lens would only be able to capture a portion of the same scene. Wide-angle lenses can also be used to add artistic effects such as exaggerated depths and distances.

When would I want to use a telephoto lens?

If you want to photograph subjects that are far from where you're shooting, such as animals or athletes, a telephoto lens can capture up-close shots. This makes a telephoto lens ideal for sporting events or nature photography.

What are the benefits of a camera lens with a fixed focal length?

These lenses often allow more light to reach a camera's image sensor because they tend to have a greater maximum aperture than other lenses. This lets you snap photos in low-light settings that are clearer. They also deliver a better depth of field so your photo subject is more distinguished from a background.


What are lens filters, and do I need one?

Lens filters are a photography tool that can help you achieve specific results. For example, using a UV filter can prevent hazy-looking images by minimizing the amount of ultraviolet light that reaches a camera's lens, while a polarized filter can cut down on glare and boost color saturation.

Capture Life's Moments With A Point-&-Shoot

If you're a little confused about the most important features in a digital camera, you're not alone. In this chart, we compare features from select digital cameras, and we also explain what those features mean.

DIGITAL IMAGING

What It Means		Resolution; Optical zoom	Shutter speed	Memory card	LCD size	ISO	Video resolution	Cooler features
		More pixels create larger prints you can crop; Movable lens magnifies the subject	A faster shutter speed will let you snap action photos without blur	Removable card that stores your photos in your camera	The LCD is the screen on the back of the camera	A higher ISO lets you take better photos in low-light settings	The level of detail that's captured when you shoot video	What sets this model apart from other cameras
	Canon PowerShot A495 SKU: 9766828	10MP; 4X	15 to 1/2,000 seconds	SD/SDHC/SDXC/MMC/MMC Plus/HC MMC	2.5 inches	Auto; Manual: 80 to 1600	640 x 480	Supports a wide variety of memory cards
	Fujifilm Finepix F600EXR SKU: 3937476	16MP; 15X	8 to 1/2,000 seconds	SD/SDHC/SDXC	3 inches	Auto; Manual: 100 to 12800	1080	EXR AUTO reduces motion blur in any light
	Fujifilm Finepix W3 Real 3D SKU: 1216616	10MP; 3X	3 to 1/1,000 seconds	SD/SDHC	3.5 inches	Auto; Manual: 100 to 1600	720	Shoots 3D and 2D video and photos
	GE E1450W SKU: 3825876	14.1MP; 5X	4 to 1/2,000 seconds	SD/SDHC	2.7 inches	Auto; Manual: 80 to 1600	720p	Face, smile, and blink detection
	Olympus Stylus 7030 SKU: 3126044	14MP; 7X	1/4 to 1/2,000 second	SD/SDHC	2.7 inches	Auto; Manual: 64 to 1600	720p	Sensor-shift and digital image stabilization
	Olympus XZ-1 SKU: 2424301	10MP; 4X	60 to 1/2,000 seconds	SD/SDHC/SDXC	3 inches	Auto; Manual: 100 to 6400	720p	Large CCD; low-light support; iZuiko f1.8-2.5 lens
	Pentax Optio WG-1 SKU: 3721735	14MP; 5X	4 to 1/1,500 seconds	SD/SDHC/SDXC	2.7 inches	Auto; Manual: 80 to 6400	720p	Waterproof, crushproof, coldproof, dustproof
	Sony Cyber-shot DSC-TX55 SKU: 3421638	16.2MP; 5X	30 to 1/1,600 seconds	MS Micro/Mark 2/microSD/SDHC	3.3 inches	Auto; Manual: 100 to 3200	1080/60i	3D Sweep Panorama mode; Exmor R CMOS sensor

Snap Professional-Looking Images With A D-SLR Or CS Camera

D-SLR prices keep falling. Also, as more CS (compact system) cameras become available, photographers are turning to them, both as a first camera and as a trade-up to something better. Check out the features and performance specs of select cameras below.

DIGITAL IMAGING

		Resolution	LCD size	ISO range	Kit lens	Burst speed	Shutter speed
	What It Means	Image sensor in megapixels; more means a bigger image	Diagonal measurement of the screen on the back of the camera	A higher ISO range will let you take better photos in low-light situations	Standard lens bundled with the camera body	Frames per second (fps) you can shoot while in burst mode	The wider the range, the greater the gamut of long exposures to frozen action
Compact System Cameras	 Nikon 1 J1 SKU: 3638105	10.1MP	3 inches	100 to 6400	10-30mm	10fps	30 to 1/16,000 seconds
	 Olympus E-PL3 SKU: 3117259	12.3MP	3 inches	200 to 12800	14-42mm	5.5fps	60 to 1/4,000 seconds
	 Olympus PEN E-PM1 SKU: 3560274	12.3MP	3 inches	200 to 12800	14-42mm	5.5fps	60 to 1/4,000 seconds
	 Samsung NX200 SKU: 4038638	20.3MP	3 inches	100 to 12800	18-55mm	7fps	30 to 1/4,000 seconds
	 Sony Alpha NEX-5 SKU: 1599068	14.2MP	3 inches	200 to 12800	18-55mm	7fps	30 to 1/4,000 seconds
D-SLR Cameras	 Canon EOS 5D Mark II SKU: 9909482	21.1MP	3 inches	100 to 6400	24-105mm	3.9fps	30 to 1/8,000 seconds
	 Nikon D3100 SKU: 3099128	14.2MP	3 inches	100 to 12800	18-55mm	3fps	30 to 1/4,000 seconds
	 Sony SLT-A65VK SKU: 3512038	24.3MP	3 inches	100 to 16000	18-55mm	8fps	30 to 1/4,000 seconds

Match Your Lifestyle To An HD Camcorder

HD camcorders can capture memories with vivid color and true-to-life detail. To find the model that best fits your needs, consider the differences among the selections below.

DIGITAL IMAGING

What It Means		Screen size	Optical zoom; Digital zoom	Image sensor size	Flash memory card	Digital still resolution	Coollest features
	Canon VIXIA HF M41 SKU 2088565	3 inches	10X; 200X	1/3-inch	SD/SDHC/ SDXC	2.07MP	Features dynamic SuperRange optical image stabilization
	Canon VIXIA HF R21 SKU 2088317	3 inches	20X; 400X	1/4.85-inch	SD/SDHC/ SDXC	2.41MP	3-inch touch-screen control allows for easy navigation
	DXG DXG-5F9V SKU 4023432	3.2 inches	1X; 10X	1/3.2-inch	SD/SDHC	5MP (10MP interpolated)	Can shoot in 3D as well as 2D
	JVC GZ-HM860BUS SKU 2713866	3.5 inches	10X; 200X	1/2.3-inch	SD/SDHC/ SDXC	N/A (10.62MP sensor)	Built-in Bluetooth technology for wireless transfers to your smartphone
	Panasonic HDC-TM41H SKU 3128925	2.7 inches	16.8X; 1,200X	1/5.8-inch	SD/SDHC/ SDXC	2.1MP	POWER OIS (Optical Image Stabilizer)
	Samsung HMX-Q10UN SKU 2428149	2.7 inches	10X; 20X	1/4.1-inch	SD/SDHC	4.9MP	Backside illuminated CMOS for better low light performance
	Sony Handycam HDR-TD10 SKU 3224955	3.5 inches	10X (3D)/12X (2D); 160X (2D only)	1/4-inch	SD/SDHC/ SDXC/ Memory Stick PRO Duo/ PRO-HG Duo	7.1MP	Can shoot 3D video in Double Full HD resolution; 3D video playable in 2D
	Toshiba Camileo X416 SKU 3530538	3 inches	23X; 120X	n/a	SD/SDHC/ SDXC	5MP (16MP interpolated)	High-powered optical zoom

Essential Accessories

For all the time we spend mulling over which camera we want to buy, we should also give some thought to the accessories we'll need to go with them.

DIGITAL IMAGING



Memory Cards

Not all memory cards are created equal. Their differences in capacity and class (write speed) both have a bearing on what they can do and, therefore, which one you'll want for your camera. To get the right card for your image or video recording needs, speak with a sales associate at your local CE retailer.

Eye-Fi Wireless PRO X2 8GB SDHC | SKU: 9761086

Cases

To protect your camera investment, you need a case that offers the best in screen protection, comfort, durability, and accessibility. Cases range in style and size to fit your lifestyle. Features can include impact- and water-resistance, soft interior linings, and pockets to keep a spare battery or memory card on hand.

Olympus Harley Davidson Accessory Case | SKU: 9946822

Lenses & Filters

Detachable lenses let you choose the right optics for each photo shoot. Your D-SLR or compact system camera may support a telephoto lens to bring the action up close or a macro lens to capture tiny details. Meanwhile, polarizing and UV filters can help you get clear images under tough lighting conditions.

Rocketfish 49mm UV Lens Filter | SKU: 2525566

Power Adapters & Chargers

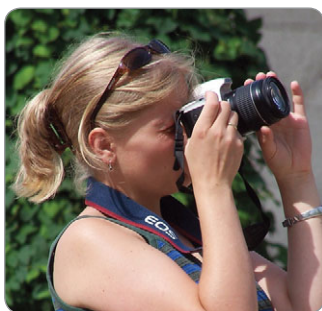
Even the best digital camera or camcorder isn't much use with a dead battery. Power adapters let you plug your cam into an AC outlet or USB port to bring its battery back to a full charge. And if you'd rather swap in a spare battery to keep on shooting, bring your dead battery back to life with a plug-in charging accessory.

Sony BC-TRV Travel Charger | SKU: 9785134

Digital Imaging Glossary

Wondering what all of that camera lingo means? While you shop for a new camera, use this glossary to help decode the world of digital imaging.

DIGITAL IMAGING



aperture—An iris-like diaphragm opening that can expand and contract the lens to let you control the amount of light that passes through it, thus affecting the exposure. The term “f-stop” can be used interchangeably with aperture.

burst mode—A camera mode that lets you capture several shots consecutively by pressing the shutter button only once.

CCD—A charge-coupled device is a type of image sensor. It converts light into energy that can be stored as digital data on your camera.

depth of field—The area that is in focus in front of and beyond the subject of your photo.

digital zoom—Magnifies an image digitally by cropping it and filling in the rest with interpolated pixels, thus degrading the quality. Even if the numbers are impressive, never choose a camera based on digital zoom.

f-stop—See aperture. Smaller f-stop numbers mean a wider lens opening; larger f-stop numbers mean a narrower lens opening.

ISO—For digital cameras, the ISO setting

measures the sensitivity to light (similar to how it does with film). Digital camera ISO settings, such as 200, 400, and up, should capture photos as if you were using film with such a speed. Lower ISO settings mean you need more light and vice versa.

LCD—The screen on the back of the camera that lets you see a live-action view of your subject or your photo after you’ve taken it.

lens—The apparatus on the front of the camera that gathers and directs light toward the image sensor. In a digital camera, the lens likely has both an optical and digital zoom.

megapixel—Approximately 1 million pixels. The higher the megapixel count, the higher the resolution and the more you can crop, which means you can create larger prints with better quality.

memory card—Because digital cameras have very little onboard memory, they need flash memory cards to store more than a dozen or so images. The type of memory card you need depends on the make and model of your camera. Some of the most popular memory cards are Secure Digital, MultiMedia Card, Compact Flash, and Sony Memory Sticks. In gen-

eral, memory cards are quite small.

noise—The small statistical variations among pixels that lead to (usually) minor distortions of color in a photo.

optical zoom—The camera’s mechanical ability to move its lenses to magnify your subject. With optical zoom, the higher the number (such as 5X or 10X), the better. When choosing a camera, always consider the optical zoom, not the digital zoom. Digital zoom artificially adds pixels.

resolution—The number of pixels in an image. The higher the resolution, the more detail and quality in a photo. Resolution is expressed horizontally by vertically (such as 2,272 x 1,704).

shutter speed—The length of time a camera’s shutter is open to let light through the lens and hit the sensor, which records the image. This is expressed in fractions of a second. For instance, a shutter speed of 1/250 means that the shutter is open for 1/250th of a second.

white balance—Cameras adjust colors based on the way white objects look under the current lighting, leading to more lifelike colors. White balance can usually be manually adjusted, too.

Do More With Your Smartphone Or Tablet

App Power

Manage your weight, count the steps you take, game at the arcade, and sleep better. Years ago you probably wouldn't picture yourself doing these things with a smartphone or tablet, but now you can with accessories that offer apps to work with those devices.

COMPUTERS & TABLETS



Weigh

Step on a traditional scale, and you get a number. Step on a scale with wireless capabilities, and you can upload that number to your tablet or smartphone to analyze trends with graphic tools. Models such as the Withings Wi-Fi Body Scale and iHealth Digital Scale on page 68 even let you share data with others.

Withings Wi-Fi Body Scale | SKU: 1438149

iHealth Digital Scale | SKU: 3224081

Move

To get an accurate picture of how active you are, you can use a discrete fitness tracker to count every footstep you make, every stair you climb, every calorie you burn, and more. With wireless upload capabilities, gadgets such as the Fitbit Ultra let you review your statistics online to see if you're meeting your fitness goals.

Fitbit Ultra | SKU: 3440474

Play

There are many popular gaming apps available for your smartphone and tablet, but with an appcessory you can bring fun to a new level. Man the controls of a flying helicopter or steer a monster truck through obstacles using your device. Alternatively, you can turn your tablet into an arcade game setup with the ION Audio iCade.

ION Audio iCade | SKU: 1620184

Sleep

Many of us take for granted how sleep quality affects our health. While your amount of sleep is an important factor, you should also be aware of your sleep patterns and time spent in restorative sleep. Products such as the Zeo Sleep Manager on page 68 can track this data with your smartphone, letting you improve your overall wellness.

Zeo Mobile Sleep Manager | SKU: 2869936

Intel 2nd Gen Core Processors

Get More With Core

Smart performance you can see. A laptop with an Intel 2nd Generation Core processor (www.intel.com) gives you more built-in features than other PCs. These include free 4G WiMAX service, 1080p movie download support, wireless HD video, and more.



Get more built-in value that you can't get at other retailers with an Intel 2nd Gen Core PC at Best Buy.



Intel 4G WiMAX lets you connect all around town at blazing high speeds—up to four times faster than 3G—and get 100MB of data for the life of the laptop for free.

It's true: Intel's 4G WiMAX gives you broadband speeds around town like those you enjoy at home. And now it also gives you free 100MB monthly service for as long as you own your Intel Core-based notebook. See page 48 for more ways that 4G WiMAX can speed up your digital life.



Intel Wireless Display helps you to enjoy your personal and online content on the big screen by wirelessly connecting your laptop to your TV.

Who needs an HDMI cable? Intel's WiDi gives you the power to send HD video and audio to your HDTV without a cable in between. Connect a compatible adapter to your TV, and you're ready to experience wireless HD.



PC Theft Defense, powered by Intel Anti-Theft Technology, is a "poison pill" you can send to your lost or stolen laptop to render it inoperable and protect your data.

Later, if you find your laptop, your password or token can "unlock" it and restore it to usability. PC Theft Defense comes standard on the Sony VPCS31FM/S and Toshiba E305-S1995.

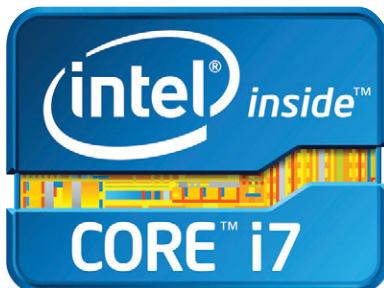
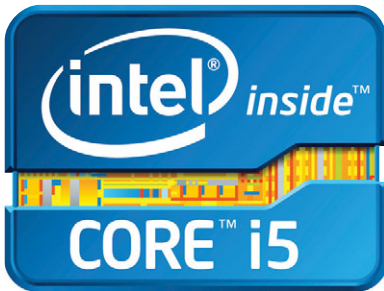
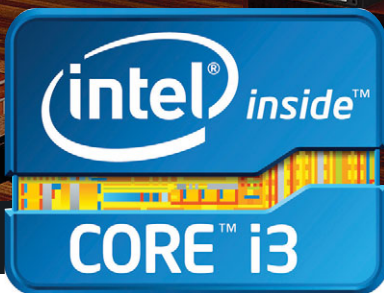
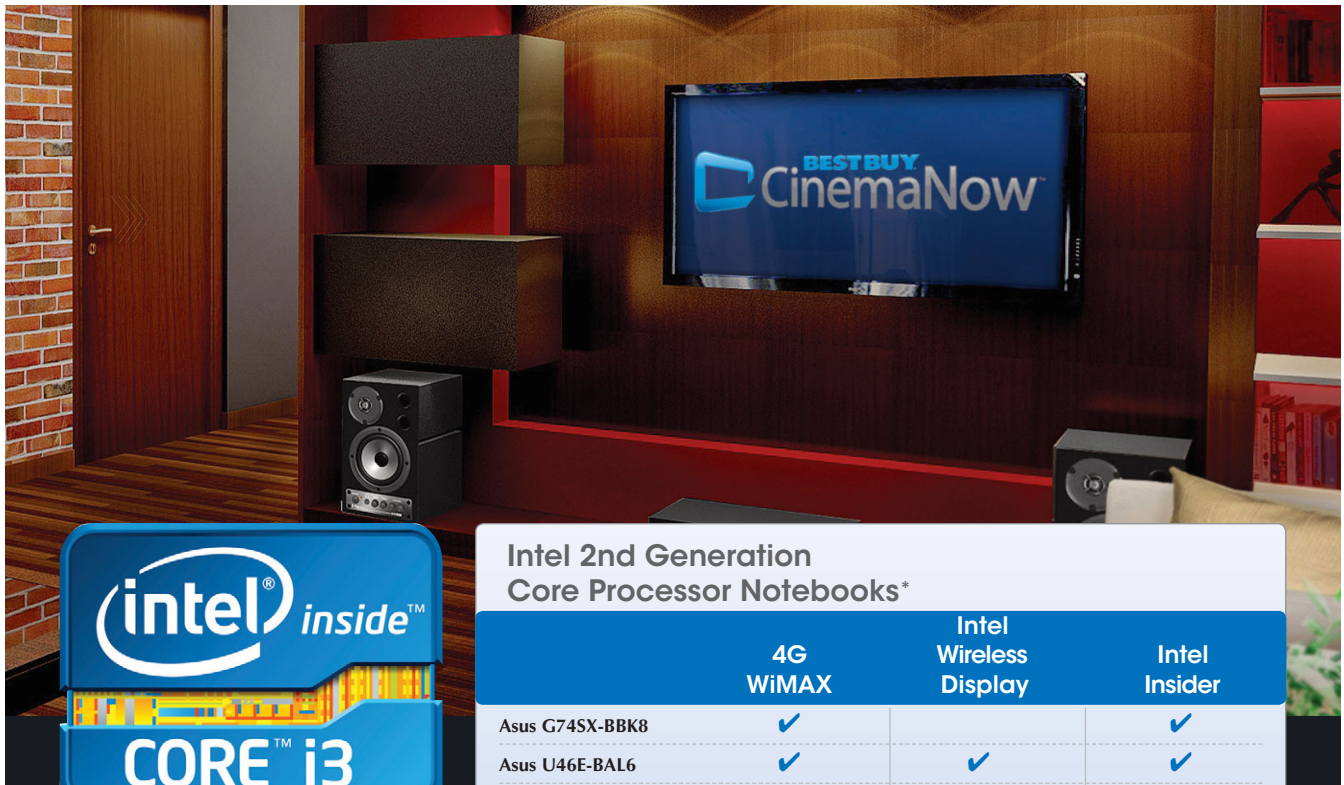


Intel Insider technology allows you to unlock the 1080p Full HD version of movies you download through Best Buy CinemaNow.

Using your Core laptop's Intel Insider feature and Intel HD Graphics, you're ready to revel in high-definition entertainment. And you can send that 1080p blockbuster to your HDTV over Intel Wireless Display or an HDMI cable.



COMPUTERS & TABLETS



Intel 2nd Generation Core Processor Notebooks*

	4G WiMAX	Intel Wireless Display	Intel Insider
Asus G74SX-BBK8	✓		✓
Asus U46E-BAL6	✓	✓	✓
Asus U56E-BBL6	✓	✓	✓
Dell I15RN-5882DBK	✓		✓
Dell I17RN-3530DBK	✓		✓
HP dm4-2165dx		✓	✓
HP dv7-6b55dx	✓	✓	✓
Lenovo V570- 066AJU	✓	✓	✓
Samsung NP300E5A-A01UB		✓	✓
Samsung NP700Z5B-W01UB	✓	✓	✓
Samsung QX411-W01	✓	✓	✓
Sony VPCS31FM/S†	✓	✓	✓
Sony VPCF236FM	✓	✓	✓
Sony VPCEH25FM		✓	✓
Toshiba E305-S1995†	✓	✓	✓
Toshiba P755-S5320		✓	✓
Toshiba P775-S7320	✓	✓	✓

*Check with an associate to see which models are currently available. †This is a Best Buy Blue Label laptop that includes three years of PC Theft Defense powered by Intel Anti-Theft Technology.

Built-In Connectivity

Intel 4G WiMAX

To remain connected to the Web all around town, Intel's high-speed 4G WiMAX wireless mobile broadband is your ticket. You can find the technology embedded in a variety of laptops—in fact, nearly every Intel Core-based notebook at Best Buy has 4G WiMAX built in.

COMPUTERS & TABLETS



Connect With Speed

To get your 4G WiMAX laptop connected, you'll need a service provider. Best Buy Connect offers 4G mobile broadband plans to fit a variety of needs. If you're not sure whether 4G WiMAX is right for you, you can take it for a test drive by using Best Buy Connect's free 100MB monthly no-contract plan.

With that much free data allowance to use, for a month you can expect to be able to:

- Send and receive about 100 email messages **per day**
- Visit approximately 18 Web sites **on a daily basis**



4G WiMAX Laptop Plans

Data Allowance	Monthly Service Fee	Two-Year Service Plans Available	Month-To-Month Service Plans Available
Unlimited	\$45	✓ \$150 off laptop purchase	✓
1GB	\$25	✓ \$150 off laptop purchase	✓
250MB	\$10		✓
100MB	Free		✓

Legal Disclaimer: (WiMAX 4G claim) Actual performance will vary depending on your service provider and other variables. WiMAX availability is limited; consult your service provider for details and network limitations. Requires a WiMAX-enabled device and subscription to a WiMAX broadband service. May require purchase of additional software or hardware. See <http://www.intel.com/go/wimax> for more information.

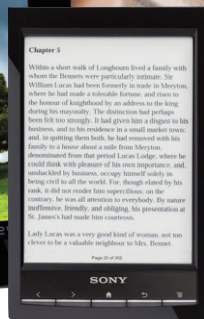
Tech To Match Your Lifestyle

Tablet Devices

Digital bookworms, multimedia enthusiasts, and those who want a portable device to stay connected have plenty of tablet and eReader options to choose from. These devices can be categorized based on their common features, so read on to find your best fit.

COMPUTERS & TABLETS

Asus Eee Pad
Transformer
Prime TF201
SKU: 4038674



Sony Reader Wi-Fi
SKU: 3072082

Basic eReaders

With both Wi-Fi and 3G connectivity options, you can use an eReader to directly download ebooks from an eReader's online store or set up digital newspaper subscriptions to be automatically delivered to your device. While these devices aren't designed for extended Web browsing sessions, they are designed to be easy on your eyes. Using e-Ink technology, a basic eReader can mimic the look of ink that's on paper. This prevents eyestrain and lets you read for hours on end.

The Crossover Devices

Some devices slightly blur the line between an eReader and tablet. Generally, these models give you the ability to access digital books through online bookstores, search on a limited Web browser, sync your library across multiple devices, or edit documents using built-in apps. Unlike a basic eReader, you'll find more options for content, such as ebooks, games, movies, TV shows, and more. You'll also find models that have color screens with this step up.

High-End Tablets

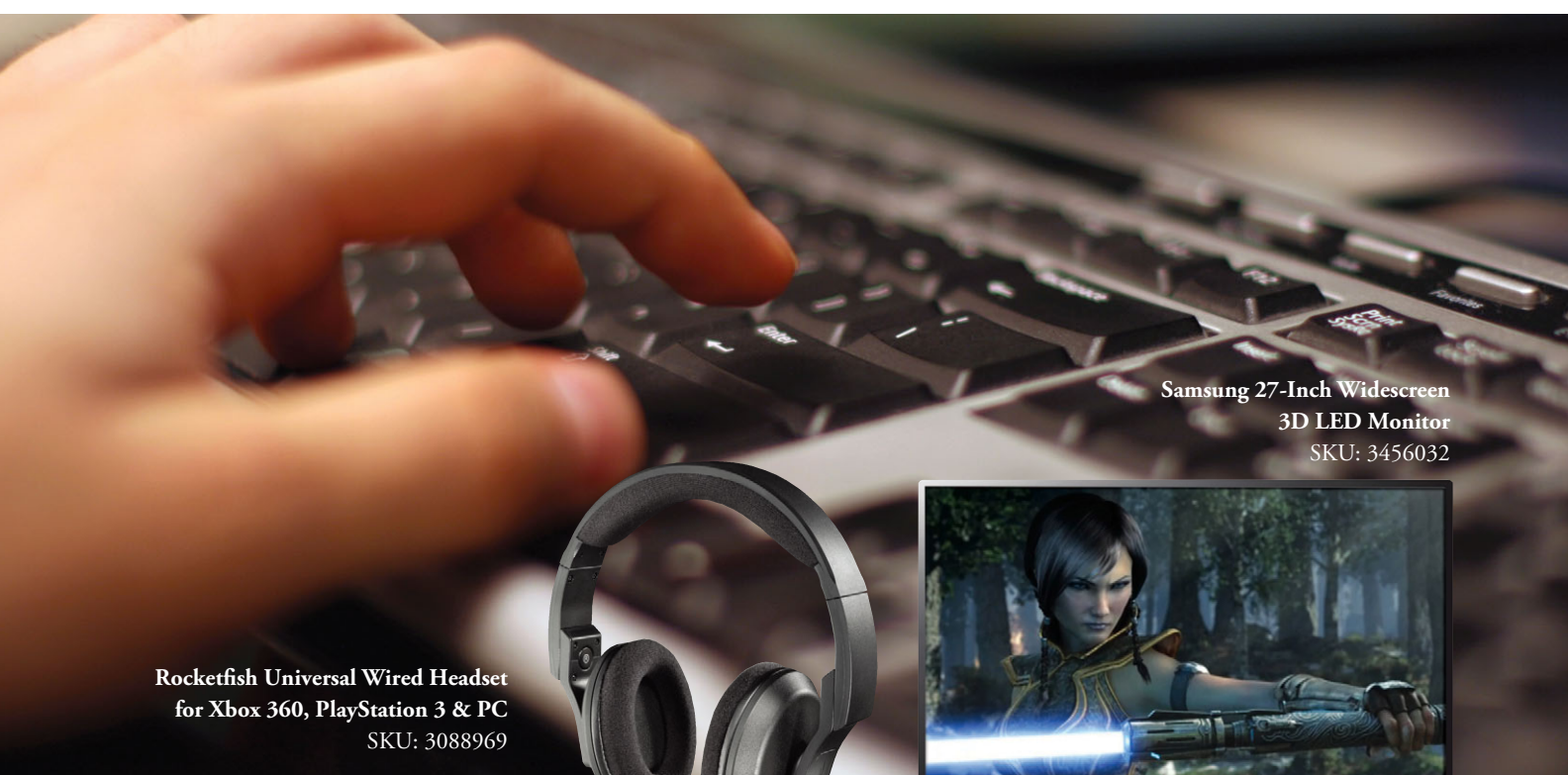
Tablets generally offer the most in terms of connectivity and functionality. Using Wi-Fi and/or 3G, you can surf the Web with a fully functional browser just like you would on a laptop. And to customize your tablet, you have thousands of downloadable apps at your disposal. This opens the door to more games, media, communicating, and many more possibilities. And unlike other devices, true tablets offer operating systems that support multi-tasking.

Built For Optimal Enjoyment

PC Gaming Setup

For maximum detail and visual effects, PC gaming is where it's at. Check out these upgrades and accessories to help you max out your gaming computer.

COMPUTERS & TABLETS



Rocketfish Universal Wired Headset
for Xbox 360, PlayStation 3 & PC
SKU: 3088969



Samsung 27-Inch Widescreen
3D LED Monitor
SKU: 3456032



Graphics Card

Most desktop computers and some notebooks let you install a more powerful graphics card. This is the single most effective step to smoother gameplay and higher visual detail. Be sure to check compatibility with your computer, and be aware that you may need to upgrade its power supply or other components.

Input Devices

A gaming mouse has the accuracy and precision to make a big difference in your in-game performance. So can a gaming keyboard with programmable keys and a gamer-centric layout. Many users also turn to wheel combos, flight sticks, and console controllers for a more immersive feel for various titles.

Display

Many video games are absolutely stunning in the visual department. It's worth your while to invest in a monitor that can display graphics properly. A larger screen can fill more of your peripheral vision to help you get into the game. That said, a 3D display will make you feel like you're a part of the world you're playing in.

Sound

Just as in blockbuster movies, sound effects and music can make all the difference in gaming. A good set of surround-sound powered speakers can envelop you in audio—and even save your “life” when the bad guys try to sneak up behind you. And a headset lets you play quietly or talk to fellow players.

More Room For Your Mobile Devices

Wi-Fi Storage

The storage capacity of today's mobile devices is ever-growing, but not fast enough for many users. Mobile wireless drives give you additional storage space for your phone or tablet without the hassle of cables.

COMPUTERS & TABLETS



Kingston Wi-Drive | SKUs: 3088369 (16GB); 3088378(32GB)

Wireless, As In Cable-Free

A portable wireless drive is the ideal companion to your mobile lifestyle because it's as easy to carry and use as your mobile device. Using any Wi-Fi-enabled device, such as a tablet or smartphone, you can access the data on your wireless drive without connecting any data cables to it. Mobile wireless drives come with their own built-in, rechargeable batteries, which means you don't need to find a vacant wall outlet to access your media when you're on the go. The security of your files are also kept secure, as portable Wi-Fi drives support encryption. What's more, they won't add another chore to your day—simply recharge the drive when it's time to recharge your phone or tablet.

Back It Up & Share

Get a portable Wi-Fi drive with enough capacity, and you can use it to back up the data saved on your tablet or smartphone. With no cables to worry about, a wireless drive makes it easy to keep your data safe and accessible whenever you need it most.

Some wireless mobile drives even allow you to connect more than one compatible device so you and your traveling buddy can each watch the same movie on your own devices during a road trip. And back at the office, you can quickly share the findings of your marketing research with coworkers by having them stream files from your portable Wi-Fi drive.

Computer Files To Go Or Backed Up

Portable Drives

Flash drives and portable hard drives are external storage devices that typically plug into a computer's USB port. You can use them to share photos and other files, back up your data, or just provide more storage space when your device becomes full.

COMPUTERS & TABLETS



Kingston DataTraveler G3
USB 2.0 flash drive 8GB
SKU: 3025125



Flash Drives

These flash memory gizmos are also known as thumb drives, pen drives, or USB flash drives, as the vast majority of them have USB connectors. They're physically small enough to slip into a pocket, yet they have up to 128GB of storage space for your music, video clips, and documents.

Flash drives give you a great way to move files from one device to another, or to loan to a friend when she wants to give you copies of her vacation photos. You can use a flash drive to make backups of project files or personal data, too, although there may not be enough room to back up your entire PC.

Portable Hard Drives

Hard disk drives use magnetically coated platters to store huge amounts of data. Portable models use a short cable to connect to one of your computer's USB ports. They're physically much smaller than desktop external hard drives, which aren't meant for carrying around.

Although their spinning disks make portable hard drives slightly more fragile than flash drives, they give you more storage space for your money. It's this high capacity—up to 2TB—that make them so useful. You can back up your whole laptop with one, or use it to bring your entire music collection with you on a trip. Most come with useful utility software, too.

Simplified Wireless Home Network Protection

One-Touch Security

It's important to secure your wireless home network to protect it from unauthorized access, but setting up network encryption can be confusing. To make the task easier, some network devices offer an easy push-button security setup.

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Wireless Network Routers

Wi-Fi Protected Setup, or WPS, is a feature found on many wireless routers. WPS lets you set up encryption on your Wi-Fi network without having to navigate router settings to choose the “right” encryption standard or type in long passwords. In effect, it vastly simplifies the procedure of locking down your wireless security, which in turn makes it more likely that you’ll surf safely. You can often enable WPS by pushing a physical WPS button on your router and on each of your network devices. You might also be able to implement WPS in software. For instance, a setup wizard may invite you to type in a PIN—which is shorter than a strong password—to add each device to your Wi-Fi network.

Powerline Adapters

Even though it’s a wired form of networking like Ethernet, a powerline network still needs to be encrypted. This can prevent the unlikely (but not impossible) scenario of a neighbor picking up your data signals with their own powerline gear. Thus, many powerline adapters offer a security setup button. The installation and security setup is easy. After you’ve installed your powerline adapters, you need to press the security setup button on one adapter. Within a couple minutes of pressing the first one’s button, you do the same for each powerline adapter on your network. This will cause the adapters to automatically agree to use the same encryption type and password. (Alternatively, you might be able to perform the same setup using your powerline adapter software.)

Print Photos & Documents From Your Mobile Device

Printers With Apps

Many printers now have mobile apps that let you print things directly from your tablet or smartphone, such as those running iOS or Android. And depending on your printer's capabilities, printing may just be the beginning of what you can do.

COMPUTERS & TABLETS



Epson Artisan 837
All-in-One Printer
SKU: 3071569

Print On The Go

Say that you occasionally like to print out a photo or document stored on your smartphone or tablet. Without a way to do this directly, you're left with the task of moving the file to a computer, and then printing it from there. Of course, the PC method isn't practical if you're short on time, such as when you have a plane to catch. And sometimes there's simply no laptop or desktop to be found.

At times like these, you'll be glad you bought a printer with a mobile app. It should automatically connect to your mobile device over your Wi-Fi network, so you can make hard copies of photos, PDFs, and/or text documents.

Advanced Features

Depending on the printer you buy, your print options from a mobile device will vary. For instance, you might be able to select paper types and sizes, crop and rotate images, and specify whether you'd like your photos to print up to the edges of the paper (called borderless printing). Some will also let you set your printer to automatically print every picture you take with your mobile device.

If your printer is an all-in-one, check to see if its app will let you scan documents and photos and save them on your phone or tablet as a file, such as a JPEG or PDF. This can be a real time-saver in certain scenarios.

Essential Things To Know Web Cams

When going home isn't an option, you can share the latest news and stay in touch with family and friends using a Web cam. Models are specifically available for desktop or laptop computers, but Web cams that work with both are another option.

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What is the purpose of a Web cam?

A Web cam is often used with an online video phone service, so you can chat face-to-face with family members and friends no matter where you are.

What are the advantages of a high-definition Web cam?

An HD Web cam captures high-quality video in resolutions such as 1,280 x 720 or 1,920 x 1,080. This lets the people on the other side of your conversation see you clearly. Some HD Web cam models also offer an autofocus feature or software that applies color filters and other fun effects to enhance your video chat session.

Can I use a Web cam to record and share images and video on Web sites?

Yes, some Web cam models include software that lets you record and instantly post personal videos on media sharing and social networking sites. Thanks to motion tracking technology, some Web cameras have lenses that can automatically follow your movement so you'll always be visible to who you're talking to.

Do Web cams include special effects and audio settings?

Yes, personalized effects on some models add fun frames and filters to incorporate creative unique visuals. Depending on the camera's capabilities, a Web cam may also feature echo-reducing or noise-canceling technology so you can be heard well by those on the receiving end of your chat.







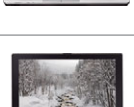

What else can I do with a Web cam?

Web cams offer a more personal way to keep in touch with others. For instance, grandparents can check in to see how big their grandkids are getting on a frequent basis. You can also record special messages for special occasions such as birthdays or anniversaries and post them to social media Web sites.

Take Your Work & Media With You On A Laptop

A laptop computer is a pretty big purchase for most people, and there are many options to choose from. To help you find a model with the features and specs you need, here's a comparison of what the latest laptops have to offer.

COMPUTERS & TABLETS

		Operating system	Processor	Hard drive size; RAM	Graphics card	Dimensions & Weight	Optical drives; Media card reader
	What It Means	The software (usually Windows or Mac OS X) that controls your computer	Chip that controls the computer (typically, a bigger number is better)	How much data the computer can hold; Memory that's read and written to	Controls the quality of your video and images	Height x width x depth; How much the laptop weighs; Screen size	Drives that can read and write discs; Slots that read media cards without a separate peripheral
	Samsung QX411-W01UB SKU: 3473175	Windows 7 Home Premium	2.3GHz Intel Core i5	640GB; 6GB	Intel HD	1.1x13.7x9.7 inches; 5.07 pounds; 14 inches	DVD±RW/CD-RW; Yes
	Lenovo V570-1066AJU SKU: 3504409	Windows 7 Home Premium	2.4GHz Intel 2nd Gen Core i5	750GB; 6GB	Intel HD	1.3x14.9x9.9 inches; 5.3 pounds; 15.6 inches	DVD±RW/CD-RW; Yes
	HP Pavilion dm4-2165dx SKU: 3441137	Windows 7 Home Premium	2.2GHz Intel 2nd Gen Core i3	640GB; 6GB	Intel HD	0.98x13.42x8.98 inches; 4.41 pounds; 14 inches	DVD±RW/CD-RW; Yes
	Samsung NP300E5A-A01UB SKU: 3475234	Windows 7 Home Premium	2.2GHz Intel Core i3	640GB; 4GB	Intel HD	1.3x14.5x9.6 inches; 5.2 pounds; 15.6 inches	DVD±RW/CD-RW; Yes
	Toshiba Portégé Ultrabook Z835-P330 SKU: 3868228	Windows 7 Home Premium	1.4GHz Intel Core i3	128GB SSD; 4GB	Intel HD	0.6x8.9x12.4 inches; 2.5 pounds; 13.3 inches	N/A; Yes
	Sony VAIO VPCSC31FM/S SKU: 3519978	Windows 7 Home Premium	2.4GHz Intel 2nd Gen Core i5 with Turbo Boost up to 3GHz	500GB hybrid drive; 6GB	AMD Radeon HD 6470M	1x13x8.8 inches; 3.8 pounds; 13.3 inches	DVD±RW/Blu-ray Disc BD-RE/CD-RW; Yes
	Asus Zenbook UX31-RSL8 SKU: 3757001	Windows 7 Home Premium	1.6GHz Intel 2nd Gen Core i5 with Turbo Boost	128GB SSD; 4GB	UMA	0.7x12.8x8.8 inches; 2.9 pounds; 13.3 inches	N/A; Yes
	Dell Inspiron I15RN-5882DBK SKU: 3082729	Windows 7 Home Premium	2.3GHz Intel 2nd Gen Core i5 with Turbo Boost up to 2.9GHz	640GB; 6GB	Intel HD	1.4x10.2x14.8 inches; 5.4 pounds; 15.6 inches	DVD±RW/CD-RW; Yes

Always Keep Content On Hand With A Tablet Or eReader

By pairing your laptop with a tablet, you'll be able to simplify your computing tasks. eReaders, on the other hand, give you instant access to the latest books and more. To find a tablet or eReader that best fits your digital lifestyle, here's a comparison of the latest models.

COMPUTERS & TABLETS

		Platform	Internal storage	Connectivity	Battery life	Dimensions; Weight	Ports; Media card reader
	What It Means	The software that controls a tablet	How much data the tablet can hold	How the tablet can connect to the Web (Wi-Fi, 3G, or both)	How long the battery may last when the tablet is being used	Height x width x depth; Screen size; How much the tablet weighs	Sockets that give a tablet access to peripherals; Slots that can read media cards
Tablets	 Acer Iconia Tab SKUs: 2512059, 3019221	Android Honeycomb	16GB; 32GB	Wi-Fi	8 hours	10.2x7x0.5; 10.1 inches; 16.5 ounces	1 USB 2.0, 1 HDMI; 1 microSD/SDHC
	 Asus Eee Pad Transformer Prime TF201 SKU: 4038674	Android Honeycomb	32GB	Wi-Fi	12 hours	10.4x7.11x0.3; 10.1 inches; 20.64 ounces	1 headphone, 1 mic, 1 HDMI, 1 USB 2.0; 1 SDXC/MMC
	 Velocity Micro Cruz T410 SKU: 4272429	Android Gingerbread	4GB	Wi-Fi	N/A	6.5x10x0.5 inches; 10 inches; 19.2 ounces	1 headphone, 1 USB; 1 microSD
	 Toshiba Thrive SKUs: 2769355; 2769576; 2768901	Android Honeycomb	8GB; 16GB; 32GB	Wi-Fi	11 hours	7x10.8x0.6 inches; 10.1 inches; starts at 25.6 ounces depending on model	1 mini USB, 1 USB 2.0, 1 HDMI, 1 headphone; 1 SD/SDHC/SDXC
	 Samsung Series 7 Slate SKU: 3603172	Windows 7 Home Premium	128GB	Wi-Fi	7 hours	7.2x11.7x0.5 inches; 11.6 inches; 33 ounces	1 headphone, 1 microphone, 1 u-HDMI, 1 USB; 1 microSD
eReaders	 Amazon Kindle Fire SKU: 2506173	N/A	8GB	Wi-Fi	8 hours	7.5x4.7x0.5; 7 inches; 14.6 ounces	1 microUSB, 1 headphone
	 Kobo eReader Touch Edition SKU: 2840076	N/A	2GB	Wi-Fi	1 month	6.5x4.5x0.4 inches; 6 inches; 6.5 ounces	1 microUSB; 1 microSD
	 Barnes & Noble NOOK Color SKU: 1517163	N/A	8GB	Wi-Fi	8 hours	8.1x5x0.5 inches; 7 inches; 15.8 ounces	1 microUSB, 1 headphone; 1 microSD

Get More Out Of Your PC

Software Listings

Computers can be used to create greeting cards, keep track of your finances, and more. But most of these functions aren't available straight out of the box. To fully harness your computer's potential, you'll need to buy software. Here are some options.

COMPUTERS & TABLETS

Business & Home



Microsoft Office Home & Student 2010

SKU: 9894452

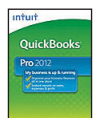
The Home and Student version of Microsoft Office 2010 has enhanced features for creating and managing documents. It includes Word, Excel, PowerPoint, and OneNote.



Individual Software ResumeMaker Professional 17 Deluxe

SKU: 3559426

It's easy to write a professional résumé quickly using ResumeMaker Professional. The software also includes advanced search tools.



Intuit QuickBooks Pro 2012

SKU: 3141088

Easily keep track of your company's finances with QuickBooks Pro 2012. You can view expense and income breakdowns, account balances, and more, so it's easy to know where your money is going.



Nuance Dragon NaturallySpeaking 11 Home

SKU: 1239999

Dictate emails, reports, and documents much faster than you can type by letting Dragon NaturallySpeaking do the typing for you. The software has an accuracy rate of up to 99%.

Creativity



Nova Development Family Tree Maker Deluxe

SKU: 3487393

Explore and preserve your family history with the software, a free three-month subscription to Ancestry.com.



Serif CraftArtist Platinum Edition

SKU: 2531179

Use your digital photos and CraftArtist Platinum Edition to create stunning projects that make perfect gifts for friends and family. Tools such as the photo editor, as well as digital scissors and brushes, let you personalize your projects.



HGTV Home & Landscape Platinum Suite Version 3

SKU: 1915073

Plan home improvements or build your dream home with HGTV Home & Landscape. Complete your 3D model in a matter of minutes and then enjoy a virtual walk around.



Nero 10 Multimedia Suite Platinum HD

SKU: 1473505

Nero 10 Multimedia Suite Platinum HD makes it easy to import video from nearly any source, add effects, and then burn the final result to BD, DVD, or CD.

Games



Batman: Arkham City

SKU: 2173083

Protect and serve Gotham as Batman by exploring the huge Arkham City prison. Using Batman's new gadgets, you can fight against the Caped Crusader's infamous enemies.



Star Wars: The Old Republic

SKU: 3031171

As a Jedi or Sith, you can follow the light or dark side of the Force and sojourn through galactic stories. Immerse yourself in lightsaber fights, ship steering, and multiplayer competition.



LEGO Harry Potter

SKU: 3064257

Jump into Harry Potter's world and explore three different magical stories, all in creative LEGO style. Take on challenges in Privet Drive, Hogsmeade, Grimmauld Place, and Hogwarts.

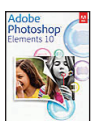


Nancy Drew Triple Threat 2

SKU: 2291445

Solve mysterious cases and uncover clues in Ghost Dogs Of Moon Lake, The Haunted Carousel, and Danger On Deception Island games.

Media


Adobe Photoshop Elements 10

SKU: 3638132

Easily edit, share, and manage your photo collection, and get professional results using Adobe Photoshop Elements 10.


Corel PaintShop Pro X4 Ultimate Edition

SKU: 3496066

Corel PaintShop Photo Pro X4 lets you manage, edit, and share your digital photos. Make automatic fixes with the included advanced editing tools, including 75 new enhancements.


Roxio Creator 2012

SKU: 3303041

Use Roxio Creator 2012 to easily capture, enhance, and preserve your photos, videos, and audio projects. New features include portrait enhancing tools, Hollywood-style video effects, and video file conversion for mobile device viewing.


Pinnacle Studio HD Ultimate Collection 15

SKU: 2327105

Pinnacle Studio Ultimate HD Collection 15 comes with a full set of plug-ins and a chroma-key green screen for advanced effects, editing, and production.

Utilities


Kaspersky ONE Universal Security

SKU: 3630185

Kaspersky ONE Universal Security safeguards all your digital devices. It protects PCs, smartphones, Android tablets, & Macs from Internet threats.


Trend Micro Smart Surfing For Mac

SKU: 1502268

Trend Micro's Smart Surfing For Mac + Titanium AV blocks dangerous links, reveals phishing scams, and protects you from future threats with automatic updates. You can also manage parental controls.


iolo System Mechanic

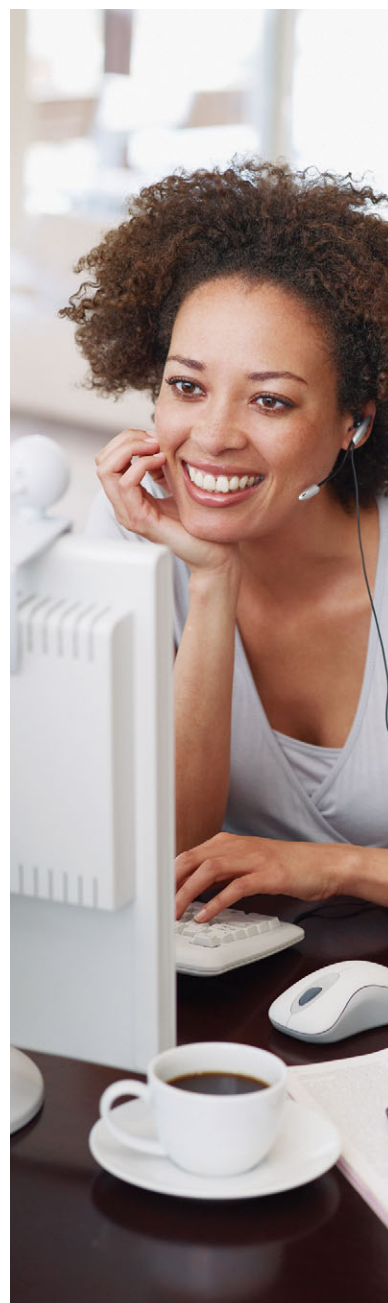
SKU: 8648591

With System Mechanic, you can find and fix errors and fragmentation on your PC, clean out clutter, and optimize your system for best performance.


123 Copy DVD

SKU: 3504876

This software rips your DVD collection and converts your video to file formats playable on the following devices and more: PC, Xbox 360, Playstation 3, PSP, iPod, iPad, Motorola Xoom.



Essential Accessories

Whether your desktop, laptop, or tablet is brand-new out of the box or has been a part of your life for a while, the right accessories can enhance your computing experience. To get the most out of your system, consider putting some of these products to use.

COMPUTERS & TABLETS



USB Flash Drive

Ideal for carrying copies of important files and other personal information, USB flash drives store data in solid-state memory. Plug one into a USB port and you can copy files to and from it like a hard drive. Most USB flash drives on the market offer anywhere from 2 to 32GB of storage space.

Kingston DataTraveler 100 Generation 2 | SKU: 2806037

3G/4G Service

Rather than rely on Wi-Fi hotspots, signing up for 3G/4G mobile broadband service gives you convenient on-the-go Internet access on your notebook or tablet. Many devices are embedded with mobile broadband capabilities, such as Intel WiMAX 4G, but 3G/4G USB modem add-ons are also available.

Lenovo IdeaPad V570 | SKU: 3504409

Mouse

To better fit your computing style, mice are available in ergonomic, wireless, programmable multi-button, and mobile designs. Some models even use special tracking technologies to let you mouse on surfaces that standard mice can't, such as glass, granite, and carpet. There are even colorful designs to match your personality.

Microsoft Touch Wireless Mouse | SKU: 3184265

Security Software

Secure your PCs and portable devices with software such as Kaspersky's ONE Universal Security that can combat viruses and phishing attacks that could compromise your personal information. And if you have a Mac computer, you can protect it with software such as Trend Micro's Smart Surfing for Mac.

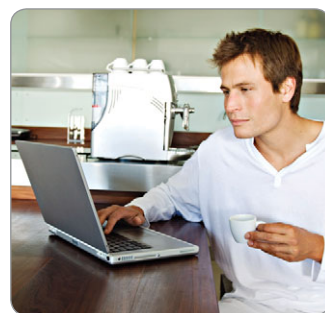
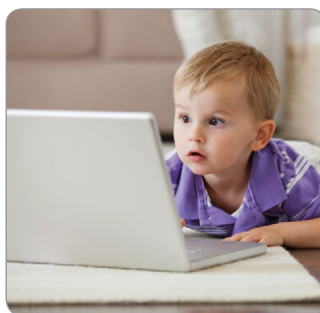
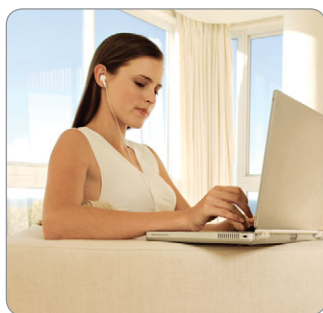
Trend Micro Smart Surfing For Mac + Titanium AV | SKU: 3141033

Kaspersky ONE Universal Security | SKU: 3630185

Computing Glossary

Shopping for a computer can be intimidating, especially with all of the complex terminology. Here, we'll explain some common computer jargon.

COMPUTERS & TABLETS



Bluetooth—A short-range wireless standard that connects devices such as computers, printers, headsets, and digital cameras so they can be used together without being connected physically with a cord.

broadband—Network connections that transmit high-speed Internet access. Broadband speed varies depending on the provider. Cable companies offer speeds of around 8 to 11Mbps, whereas phone companies offer DSL, which supports speeds of 3 to 5Mbps.

Ethernet—A widely used LAN protocol in which computers and networks are physically linked with a cord.

firewall—Hardware or software that limits access by a network or another outside source to your computer; it also may limit your computer's access to the network. These security measures are designed to protect your computer from outsiders who'd like to exploit it in some way. By the same token, firewalls may prevent infected files on your computer from accessing the larger network and spreading the problem to other users.

HDMI (high-definition multimedia interface)—An output that some computers

offer to transmit uncompressed (and ultimately high-quality) audio and video to a compatible HD display, such as an HDTV.

all-in-one computer—A PC that encompasses every component in a single, towerless unit that looks like a monitor. Typically all-in-ones are thin, making them ideal for small spaces and wall mounting. They also use less energy than most desktop/monitor pairings. Many have built-in Wi-Fi capabilities, so you won't need to connect the system to an Ethernet cable for Internet access. Models with touchscreen control are also available.

mobile broadband—A communication technology, which is also called LTE, WiMAX, 3G, and 4G, that uses cell phone towers to connect devices to the Internet. Generally, you need a service contract, and it's only available in select areas.

operating system—The software, such as Windows Vista, Windows 7, or Mac OS X, that controls a computer and its peripherals and serves as the primary interface for users.

processor—Also known as a microprocessor or CPU, this integrated circuit controls the computer. Some CPUs feature two or four processors (called

dual- and quad-core processors) on a single die or chassis, speeding up the computer and its ability to multitask.

RAM (random-access memory)—A type of memory that's read from and written to by the CPU and hardware.

streaming—The act of wirelessly transferring content from one device to another; for example, you can stream personal photos from a computer in the basement to a compatible HDTV in the living room.

tablet—Larger than a smartphone but smaller than a laptop, tablets are computing devices that use downloadable apps. Many have touchscreens that can be manipulated via touch or with a stylus.

3D-ready—This means a piece of hardware can play 3D content, but to do so it may require additional components such as 3D eyewear. In order to watch 3D content on a computer, certain hardware must be 3D-ready, such as a monitor and graphics card.

WLAN (wireless local-area network)—A setup that includes a wireless router and a number of Wi-Fi-enabled devices, such as notebooks and BD players, that communicate wirelessly to share files, media, etc.

Better Quality At The Right Price

Rocketfish

AUDIO SOLUTIONS



Everyone wants an impressive product at a reasonable cost. Fortunately, Rocketfish (www.bestbuy.com) created headphones with superior quality audio at a price that won't break the bank: the Rocketfish Atmos Noise-Canceling Headphones.



Rocketfish Atmos Noise-Canceling Headphones | SKU: 2760502

Hear It All

A perfect companion for those who are always on the road, the Rocketfish Atmos Noise-Canceling Headphones help create an oasis of tranquility no matter where your travels take you. The Atmos headphones remove more of the background noise across a wider frequency range, creating an immersive and rich audio experience whether you're in your office, at home, or in noisy planes, trains, or automobiles. The comfortable over-the-ear headphone design with plush ear pads and an adjustable headband can accommodate long listening sessions. While many headphones offer noise cancellation technology, Wolfson myZone technology can actively cancel more ambient noise than all the rest.

Clarity Unlike The Rest

No one enjoys background noise that detracts from their music or audio book podcasts. To prevent offset annoyances from reaching your ear drums, the Rocketfish Atmos headphones use an acoustic design and ultra-fast processing technology to significantly reduce ambient noise. The drastic reduction in ambient noise means you won't have to adjust the volume of your favorite tunes, even if your surroundings become louder. Your audio quality will always remain intact because the integrated Wolfson my-Zone technology doesn't interfere or degrade your audio or "hiss" when your audio track quiets down. What's more, all of this can be had for a price that doesn't break the bank.

PORTABLE DEVICES

Rocketfish Atmos Noise-Canceling Headphones

SKU: 2760502



Rocketfish Mobile Solace Hands-Free Headset

SKU: 3054302



Rocketfish Mobile SPX15 Stereo Bluetooth Wireless Speaker

SKU: 3219052



Audio For All

With so many portable devices integrated into our day-to-day activities, Rocketfish has developed audio solutions to fit a number of needs. Whether you're an avid audiophile, on-the-go businessperson, or gadget guru, you can get more out of your smart-phone, tablet, or MP3 player with the following audio accessories.

Hear Everything

Your favorite songs will never sound the same when you're sporting the Rocketfish Atmos Noise-Canceling Headphones. The innovative Wolfson myZone technology will make each tune play with clarity and devoid of external sounds for your enjoyment. A rechargeable battery supports up to 20 hours of listening time.

Talk Hands-Free

The Solace hands-free headphones give you the freedom to answer your cell phone without picking up your device or talking loudly over background sounds. With press of a button, you can answer and end phone calls while keeping ambient noise around you to a minimum.

Play Out Loud

For the ultimate in portable audio, take a look at the new Rocketfish Mobile wireless speaker. Whether you're at home, on the road, or in a business meeting, this elegant speaker goes with you in style. Plus, the built-in microphone doubles as a high-quality speakerphone when you need to answer that phone call hands-free.

Banish Those Bundled Buds

Upgrade Benefits

Quality headphones can make a world of difference for music lovers. The earbuds that accompany most MP3 players, however, offer the bare minimum when it comes to sound reproduction. Below are some reasons why you should upgrade your MP3 player's headphones.

PORTABLE DEVICES



Rocketfish Atmos Noise-Canceling Headphones
SKU: 2760502

Skullcandy FIX Earbud Headphones
SKU: 3214039

Fidelity

You don't have to have a finely tuned ear to enjoy quality headphones. You'll generally find that a headphone's price correlates to its sound quality. Upgrading to better headphones will open your ears to previously unheard instruments; rich, deep bass; powerful midranges; and crisp highs.

A Better Fit

Bundled buds are usually one size fits all, but comfortable for none. Standalone headphones commonly feature adjustable headbands, multiple sized earbud tips, and pivoting cans to conform to your comfort needs. Different styles are also available to suit your preference, such as earbuds, clip-ons, and over-the-ear.

Sound Features

Premium aftermarket headphones offer features you won't find in pairs bundled with your device, such as simulated surround sound. Noise-canceling technology is suitable for frequent fliers, as it actively diminishes noises such as roaring jet engines. Sound isolating headphones can seal off the ear canal to passively immerse you in music.

Hear Like A Pro

If you want to listen your music like the pros do, then opt for studio headphones. They're generally portable with an over-the-ear style to support large speaker drivers, but offer padded ear cups for hours of comfortable listening. Studio headphones tend to support a wide audio frequency response and reproduce sound that's true-to life.

Drive With Safety In Mind

Hands-Free Devices

As life gets busy, it's only natural you spend more time driving your car. To make your journey more comfortable, convenient, and safe, here's a look at some hands-free devices you can use when you hit the road.

PORTABLE DEVICES



Motorola HK210
Bluetooth Headset
SKU: 4248138



Headsets

If your area has enacted bans on using cell phones while driving, you can use a Bluetooth headset to take calls and drive safely with both hands on the wheel. Many headsets feature noise-canceling microphones, which minimize background noise and surround voices for clear conversations.

Speakers

If you'd rather not wear a headset to make calls in the car, a Bluetooth speaker is a good alternative. Bluetooth speakers typically attach to your car visor or dash and offers controls for placing and answering calls and adjusting the volume. Some models also use text-to-speech to help you navigate your phone book.

Stereo Decks

Listening to the music on your MP3 player while taking a road trip can be simplified with a Bluetooth-enabled stereo deck. Without connecting any wires, a Bluetooth deck can play the music from your Bluetooth-compatible MP3 player through your car's stereo speakers. Many models are also HD Radio- and satellite radio-ready.

GPS Devices

Not only are GPSes helpful when you need to find your way in unfamiliar territory, but a model with integrated Bluetooth can bring added convenience during your journey. By pairing your Bluetooth-compatible phone with your GPS, you can quickly make hands-free calls to let friends and family know you're on your way.

From Basic To Advanced Stereo Decks For All

When shopping for a car stereo deck, it's worthwhile to consider a model's features in addition to its price. By matching a model to your lifestyle needs, you'll get more out of your purchase.

PORTABLE DEVICES



SiriusXM Edge Dock & Play Radio
SKU: 3153083



Basic Stereo Decks

Unlike a car's factory-installed deck, you'll find that basic stereo decks offer more features to enjoy, such as:

- A CD player that is compatible with MP3 data discs
- An aux and/or USB port so you can connect media devices to listen to content via your car speakers
- A remote control to let those in the backseat choose the tunes

Mid-Range Stereo Decks

In addition to what a basic deck has to offer, stepping up to a mid-range model will typically give you:

- An LCD screen that displays song and artist information, plus more
- Satellite radio with an additional tuner installed
- Compatibility with additional music file types such as AAC, and disc types such as CD-RW

High-End Stereo Decks

If you want the best of the best in car technology, high-end stereo decks are packed with more than just high-end audio offerings. They can include:

- An LCD touchscreen with built-in GPS navigation
- DVD and MPEG-1/2 video format playback
- Built-in Bluetooth to make and receive hands-free phone calls

Hear Your Tunes On The Go With An MP3 Player

iPods are cool, sure, but you have other choices when it comes to listening to your tunes. This chart compares the most important—and coolest—features from select MP3 players.

PORTABLE DEVICES

What It Means		Operating system; Wi-Fi connectivity	Capacity	Video capabilities	FM tuner	Colors	Battery life
		The device's software platform; ability to connect to the Internet	How much memory the player has*	Some MP3 players can play video	Some MP3 players let you listen to radio stations	Several players offer a variety of color choices	How long the battery will last when playing music
	Apple iPod touch SKUs: 3109302; 3109339; 3109357	iOS; Yes	8GB; 32GB; 64GB	Yes	No	Black, white	40 hours
	Mach Speed Eclipse CLD4SL SKU: 3615043	N/A; No	4GB	No	No	Silver	8 hours
	Philips Android Connect SKUs: 3505092; 3505126	Android; Yes	8GB; 16GB	Yes	Yes	Black	25 hours
	Philips GoGear Muse SKUs: 2597377; 2597252	N/A; No	8GB; 16GB	Yes	Yes	Aluminum	24 hours
	Samsung Galaxy Player 5.0 SKU: 3521682	Android; Yes	8GB	Yes	Yes	White	60 hours
	SanDisk Clip Zip SKUs: 3094053; 3099191	N/A; No	4GB; 8GB	No	Yes	Black, purple, red, gray, white, orange, blue	15 hours
	Sony Walkman Video SKUs: 3076051; 3076088; 3076103	N/A; No	4GB; 8GB; 16GB	Yes	Yes	Pink, red, green, blue, black, white	50 hours
	Sony Walkman W-Series NWZW262MEB SKU: 3076121	N/A; No	2GB	No	No	Orange/black	8 hours

*One gigabyte of memory will hold approximately 250 songs. Actual capacity will vary depending on song length and format.

For Mind & Body

Healthy Gadgets

Looking for more motivation to improve your physical well-being in the New Year? Be encouraged: there are many portable devices to help you stay committed, track your activities, and more.

Withings Wi-Fi Body Scale

SKU: 1438149
www.withings.com

Withings

The first scale to use Wi-Fi to automatically send your weight, lean mass, fat mass, and BMI readings to a personal password-protected online dashboard, the Withings Wi-Fi Body Scale is convenient and easy to use. You can review your charted data, set goals, share your progress, and more via any Web browser or the free WiScale app for Apple and Android devices.



Zeo Mobile Sleep Manager

SKU: 2869936
www.myzeo.com



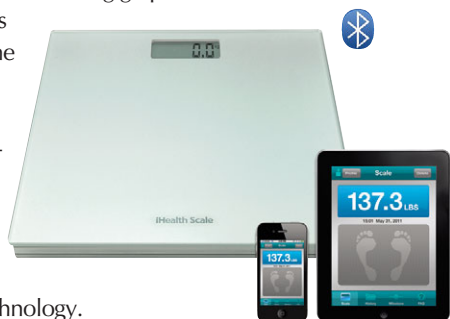
This comprehensive system can help you track the quality of your sleep by measuring your restorative REM and Deep sleep. The Zeo Mobile Sleep Manager features an adjustable SoftWave sensor headband and works with your Bluetooth-enabled smartphone. To enhance your wellness, you can take control and manage your sleep using Zeo's free coaching program and online tools.



iHealth Digital Scale with Bluetooth technology iHealth™

SKU: 3224081
www.ihealth99.com

Working with a free app, the iHealth Digital Scale will read and record your weight on your iPod touch, iPhone, or iPad using a wireless Bluetooth connection. Track your progress and organize records using graph tools or set weight goals with a Milestone feature. The scale can also work with multiple mobile devices, so more than one person can use the technology.



MOTOACTV GPS Fitness Tracker & Smart MP3 Player

SKU: 3754696
motoactv.com



GPS and Accusense™ technology track your running, walking, and cycling metrics like time, distance, speed, calories burned, and heart rate. You can monitor your performance directly on your device and online at the MOTOACTV Training Portal. The smart MP3 player stores hours and hours of your favorite songs and actually "learns" what tunes motivate you the most.



Track Your Life With A Health Device

With a health and fitness device in hand, you can track how many steps you make, calories you burn, and more. By keeping tabs on your fitness activities, you can continue to progress and conquer new goals.

PORTABLE DEVICES

What It Means		Design type; Water resistance	Tracked activities	GPS functionality	Heart rate monitor type	Storage capacity; PC connectivity	Battery type; Battery life
		How the device is worn; How far underwater the device can go	The different types of fitness data that can be collected by the device	Ability to measure your traveled distance and overall pace	Heart rate can be measured continuously with a chest strap or instantly with a wrist model	Internal data that can be saved; Upload data to your PC to share and analyze	How many hours the device will operate after a single battery charge
	BodyMedia FIT LINK Armband SKU: 3440508	Armband; N/A	Steps, body temp, sweat, calories, sleep	No	N/A	14-day history; Yes, via USB cable, Bluetooth	Lithium polymer; 2-4 days (typical)
	Fitbit Ultra SKU: 3440474	Clip, wristband, holster; N/A	Steps, distance, calories, sleep	No	N/A	7-day history (detailed), 30-day history (summarized); Yes, via USB base station	Not specified; 3 days (minimum), 5 to 7 days (typical)
	Garmin Forerunner 110 SKU: 1159384	Wristwatch; 3.3 feet	Distance, calories, speed, pace	Yes	N/A	1,000 laps; Yes, via charging/USB data clip	Li-Ion; 3 weeks in power save mode and 8 hours in training mode
	MOTOACTV Fitness Tracker SKU: 3754696	Wristwatch, belt clip; Rain-resistant	Distance, calories, speed, pace	Yes	No	8GB; Yes, via Wi-Fi, Bluetooth	Li-Ion; 2 weeks in power save mode, 10 hours in training/music mode
	Polar GPS Watch with Heart Rate Monitor SKU: 9946395	Wristwatch; 98 feet	Distance, calories, speed, pace, heart rate	Yes	Chest strap	100 training files; Yes (requires Polar Flowlink)	CR2025; N/A
	Sportline DUO 1060 SKU: 9525793	Wristwatch; 164 feet	Steps, distance, calories, speed, heart rate	No	Chest strap	7 workouts; No	CR2032; N/A
	Timex Men's Ironman 30-Lap Sports Watch SKU: 3106526	Wristwatch; N/A	Lap and split times, 15 dates, 3 time zones	N/A	N/A	30 lap memory recall; No	N/A
	Zeo Mobile Sleep Manager SKU: 2869936	Headband; N/A	Sleep, REM, Deep sleep	No	N/A	Yes, to iOS and Android devices via Bluetooth	Lithium-polymer; 16 hours

See p. 68

See p. 68

Essential Accessories

No matter where you're going, a portable device can add enjoyment to your journey. To ensure you're taking full advantage of the capabilities your portable devices offer, check your local CE retailer for accessories that can enhance your mobile experiences.

PORTABLE DEVICES



Battery Chargers

Whether it's your phone, GPS, or MP3 player, you'll want to make sure your travel companion always has a full battery. Some chargers can plug into your computer or your car's DC outlet, but if these aren't an option, there are also chargers that use solar power or wall outlets.

Rocketfish USB Home and Car Charger For Select MP3 Players | SKU: 9457651

Headphones

With different shapes, sizes, and audio qualities, there's a pair to fit your needs. For example, earbuds are great if you need an ultra-portable travel option. However, if sound quality is more important, you should opt for over-the-ear noise-canceling headphones.

Yamaha EPH-C200 In-Ear Headphones | SKU: 3426023

Cases & Screen Protectors

You can extend the life of your portable devices, such as mobile phones, MP3 players, and GPS devices, with a durable case to protect them from accidental bumps and drops. Adding a screen protector will guard your device's display against scratches.

Skullcandy Gridlock Case For 4th Gen Apple iPod touch | SKU: 3504658

Docks & Speakers

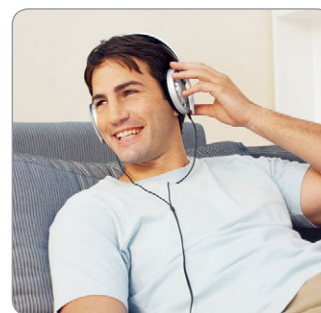
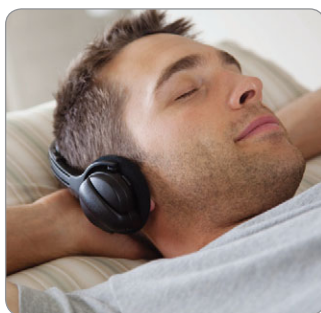
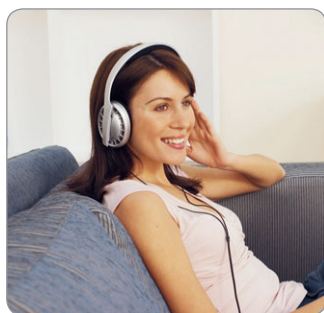
A portable speaker dock lets you share the music and other audio on your MP3 player with friends and family at a party or get-together. Some docks include a built-in radio or CD player, while others can charge your MP3 player as you listen to your favorite tunes.

Sony Micro Hi-Fi Shelf System | SKU: 9209411

MP3 Player Glossary

Who doesn't want an MP3 player? It can help you relax, motivate you, and ensure you always have a song to match your mood. When you head to your local CE retailer to snag one, make sure you have this glossary so you can choose the perfect model.

PORTABLE DEVICES



AAC—Short for Advanced Audio Codec, this format is a competitor of the more common MP3 file format. It is the default format used by Apple.

Bluetooth—A wireless technology, supported by some MP3 players, that connects devices with short-range radio frequencies.

capacity—How much data a player can hold. This is typically expressed in gigabytes or megabytes. Generally speaking, 1GB will hold about 250 songs.

download—In terms of digital music, downloading is when you retrieve a song from an Internet site or another network connection and save it to your computer or portable music player. You can download songs from music Web sites such as iTunes, Napster, or Rhapsody.

DRM (digital rights management)—DRM is a security mechanism for digital media, associated with copyright. A common DRM scheme for digital music involves getting a licensed file to authorize playback of a free or purchased song.

earbuds—Small, circular devices you put into your ears so you can listen to music on your player. These serve the same func-

tion as headphones. Many music players include their own earbuds, but you can purchase a separate pair that is more comfortable or of better quality.

flash memory—Solid-state memory with no moving parts that is lightweight and small. In terms of digital music players, a flash-based player is lighter and smaller than a hard drive-based player, and also, it won't skip. Thus, flash-based players are popular for use during exercise. However, the capacity of a flash-based player isn't as large as a hard drive-based player.

FM tuner—If your music player has a built-in FM tuner, you will be able to listen to music that is broadcast from local radio stations.

hard drive—Storage that consists of rigid platters inside a fixed casing. In terms of digital music players, a hard drive-based player is larger and heavier than a flash-based player. Because of the moving parts (the platters), hard drive-based players are also prone to skipping. However, their capacities are much larger than those of flash-based players.

music management program—A program, such as iTunes or Napster, that loads onto your computer and lets you

play, organize, download, and purchase media, such as music and videos, for your player or PC.

MP3—Perhaps the most popular digital audio encoding format. It compresses audio to about one-twelfth the original size while still providing excellent sound. In general, a 1MB MP3 file will last about one minute.

playlist—A queue of songs a user creates to play on a computer, burn to a CD, or transfer to an MP3 player. The playlist will only include directions to the location of the songs, not the actual songs themselves.

podcast—A downloadable episode that is similar to a radio program. A user can subscribe to a podcast for updated episodes, or she can download podcasts one at a time.

screen—The display on the front of a portable music player. A player's screen can either display in color or black and white.

WMA—Windows Media Audio is a digital audio format created by Microsoft.

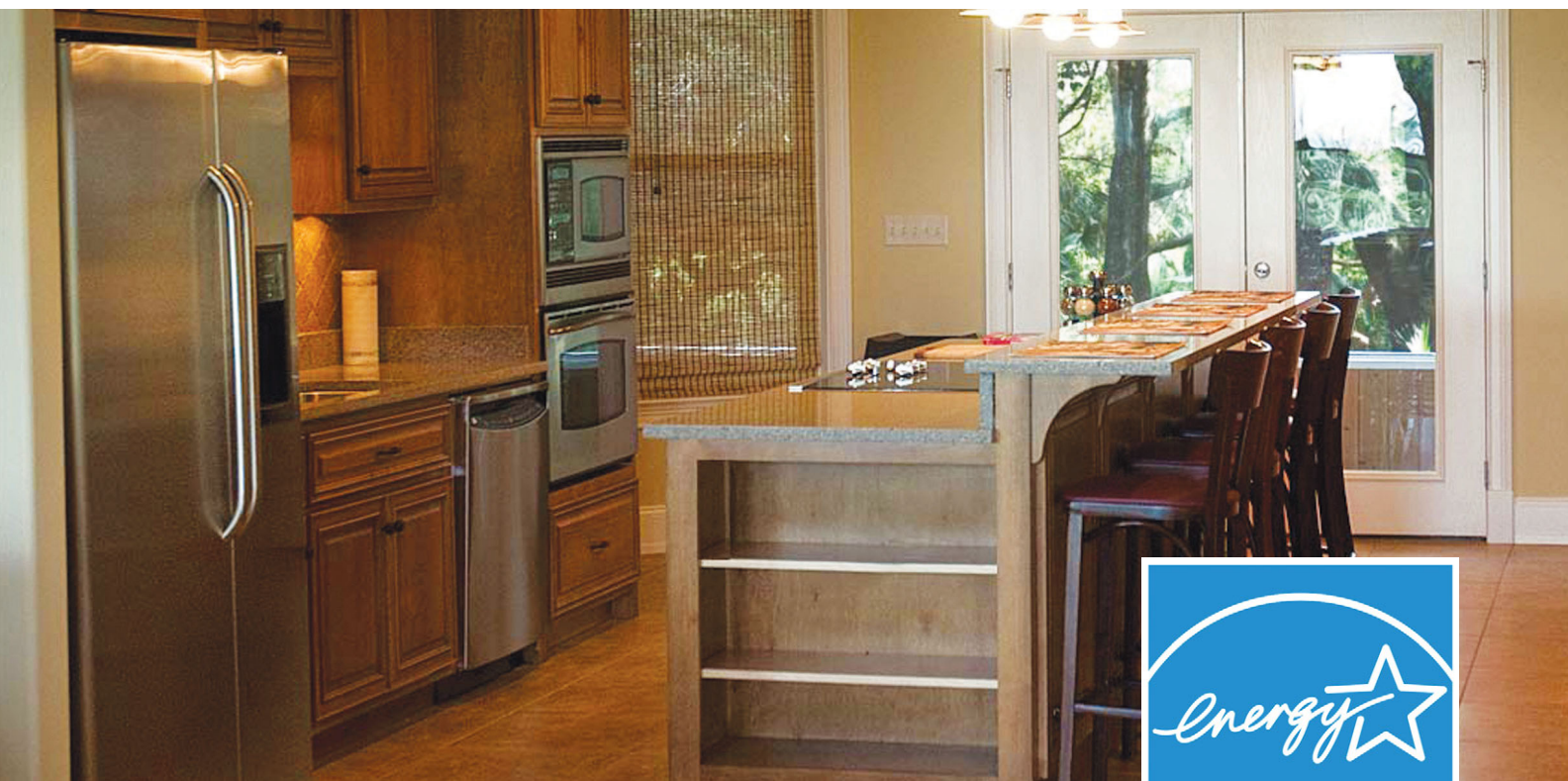
widescreen—A screen that has a 16:9 aspect ratio.

Energy Star Appliances

Built-In Savings

The Energy Star logo is emblazoned across a plethora of appliances and other devices. Developed by the EPA and the U.S. Department of Energy, a product that qualifies as an Energy Star choice means it meets energy-efficiency standards.

APPLIANCES



Look For The Logo

The light blue Energy Star logo helps you find appliances that meet Energy Star requirements. It's a visual assurance that those products will be more environmentally friendly over time than models that have not achieved Energy Star qualification for a reduced greenhouse gas footprint.

Save Money

In addition to helping the environment, Energy Star-qualified appliances can also help your wallet. Energy Star standards encourage manufacturers to develop more energy-efficient features, which can cut down on unnecessary energy consumption and water usage. In turn, you'll pay less in utility bills each month.

Standards

In addition to ensuring a product's energy efficiency, part of the Energy Star qualification includes not sacrificing performance and features. This means all Energy Star-qualified products deliver the technologies and amenities you need in addition to cutting energy use.

Cash Back

Some manufacturers offer sales tax exemptions or credits on Energy Star-qualified products. Thus, you may be able to save money right at the register. In some cases, manufacturers also offer rebates on Energy Star-qualified products. Utility companies may offer rebates, as well.

Buy The Right Dishwasher

When you're buying a built-in appliance that will last you a decade or more, it's important to think about the features you may want down the road. Here's a general overview on what you'll find in standard, mid-range, and high-end dishwashers.

APPLIANCES



**Samsung DMT800RHS/X Tall Tub
Stainless-Steel Dishwasher**
SKU: 9980455

Standard Dishwashers

- A food particle filter to keep the water clean; some are self-cleaning
- A disposer to pulverize chunks of food before draining
- Delayed start options
- Energy Star qualification to save water and electricity
- Adjustable racks, removable bins
- Steam cleaning to avoid spots

Mid-Range Dishwashers

- A tall tub (interior chamber) with more vertical space
- A stainless-steel tub for heat retention, noise reduction, and durability
- Sensors for soil, water leakage, temperature, water level, and more
- More cycles: half load, sanitization, delicate, quick, rinse-and-hold
- Drying aids such as air circulation

High-End Dishwashers

- Come with a noise rating of 50dBA or lower (lower numbers are always better)
- Have double drawers so you can clean either a standard or a smaller load of dishes
- Auxiliary sprayers, such as for flatware
- Give you the option to program a favorite load so you don't have to remember your optimal settings

Small Appliances For Every Day

Kitchen Helpers

Every amateur cook can use an extra hand when the veggies are sautéing, chicken is roasting, and guests are waiting. Check out these counter-top appliances that will save you time during cuisine creation or make meal preparation more enjoyable.

APPLIANCES



Bread Maker

- Baking bread doesn't have to be a laborious task: a fully automated bread maker simplifies the process.
- Particular about your bread textures? Consider a model with multiple texture options and loaf sizes.
- Crust control and yeast dispensers are included.

Panini Press

- You can make your own hot, grilled sandwich with a panini press.
- A panini press typically includes a floating hinge so you can grill a thick sandwich with lots of fresh ingredients.
- With a non-stick surface and ribbed top plate, crispy sandwiches easily slide out of the press.

Soup Maker

- A blend-and-heat soup maker mixes food at high speeds and then cooks fresh, hot soup.
- You can use an built-in, removable measuring cup to add soup ingredients. Then pulse, blend, and heat to cook soup.
- Foods stay safely locked inside the shock-resistant blender jar.

Pressure Cooker

- Pressure cookers do more than simply heat food: they can stew, braise, brown, simmer, and roast, too.
- If you program the slow cook option, you can re-heat foods in a pressure cooker.
- Safety features include cool-touch handles and an auto-lock lid.

Professional Small Kitchen Appliances

Built To Last & Deliver

With professional kitchen tools in hand, you can craft food and drinks to elevate your cooking and dining experience at home. Additionally, you'll find that durable and high-end appliances will keep your kitchen well-equipped for the long haul.

APPLIANCES



Coffee Maker

Anyone who constantly craves the perfect cup of joe will appreciate the advanced features of a professional coffee maker. Common benefits include a brewing strength option, water that's evenly distributed during the brewing process, and a gold-tone filter basket. Just like a pro, you can brew the best cup exactly the way you like it.

Stand Mixer

The best made-from-scratch pie crusts, cakes, and other treats often require precisely mixed ingredients. A mixer with a bowl-lift design can accommodate with multiple speed controls, thorough mixing action, a powerful motor, and a large-quantity bowl. Pouring shields and splatter protection will also help reduce messes.

Blender

Ice, veggies, fruit, and other bulky foods you need to puree, whip, mix, or liquefy won't put up a fight in stainless-steel blade blender. Professional models are also made to stand the test of time with durable carafes that also offer plenty in terms of capacity. Cleaning is made a cinch, as there are dishwasher safe and self-cleaning selections.

Convection Oven

Cooking items to an exact temperature isn't an easy feat. With a convection oven, you can bake, roast, broil, or slow cook dishes to perfection. Unlike traditional ovens, hot air is circulated evenly to cook your food faster and at a lower temperature. This results in deeper flavors, plus a crisper outside and more moisture on the inside.

Keep Warm This Winter With A Portable Heater

With a portable heater, you can ward off winter chills and save money on bills by warming only the area where you're relaxing or working. Below, consider the different types of heaters available and the benefits one can bring to your home during the colder months.

APPLIANCES



Warmth To Fill A Space

Portable space heaters are available in various shapes and sizes that can accommodate different settings. For example, a heater no bigger than a shoebox is ideal for warming smaller rooms such as an office, while a larger unit can heat an entire floor in your house. When it comes to design, portable heaters can have a simple box shape, or a more modern appearance, such as an electric fireplace shaped like a flat-screen TV.

Control Your Preferences

Just like your furnace at home, most portable heaters sport a number of useful settings that you can configure to your preferences. An LCD screen makes it easy to view the current temperature or adjust the thermostat. Some models have a timer function that will turn the heater off after a specific period of time, while others can be programmed to start and stop automatically at the times you choose. In addition, most portable heaters can be controlled by a remote control.

Fire & Health Safety

It's never a good idea to leave a portable heater unattended because it can be a fire hazard. But just in case, most models have a safety switch that turns off the heater if it should get knocked over by accident. Some portable heaters have features for health safety, too. Take, for instance, a built-in air purifier and dust filter that can clean the air and trap allergy-causing dust and debris that builds up in your home during the colder months.

Hit All The Right Notes

Musical Matters

Dozens of factors can go into buying a musical instrument, whether you're a seasoned or aspiring guitarist, bassist, keyboard player, or drummer. Keeping the following advice in mind can help narrow the choices.

GAMING, MEDIA & MORE



**ION Audio Sound
Session Drums**
SKU: 9423304

**Yamaha RBX170
4-string Electric Bass**
SKU: 8894529

Give It A Try

Instruments are highly personal possessions, so you should play many models before buying one. Your local CE retailer, for instance, may have numerous guitar models to physically handle. This lets you gauge their feel, weight, construction quality, and action (how easy strings are to fret, for example). You'll also want to hear how it sounds.

Size It Up

An instrument's size plays a big role in how it sounds and its intended purpose. For example, there are guitars sized specifically for children. Keyboards come in large and small models, with included keys varying from the standard 88 to 25 or fewer. Elsewhere, guitar, drum, or cymbal sizes can directly impact tone, volume, and resonance.

Cost vs. Skill

Learning guitar, keyboards, drums, or any instrument takes dedication and time. If you're buying for a beginner, start with a less-expensive, lower-end instrument with the intention to upgrade later. Buying your son a basic drum set, for example, is better than getting every percussion instrument available in the event he quits months later.

Consult Others

Certain instrument makers are household names for a reason—they've made quality, well-respected equipment for decades. Still, scores of lesser-known makers also craft high-quality instruments. To find out what suits your needs, talk to experienced players, read reviews, and research the instruments your favorite musicians play.

This Month's Blu-ray Disc RELEASES

GAMING, MEDIA & MORE

	Release Date	SKU	Rating
January			
1911	1/10	19777186	R
8 Mile	1/10	19781722	R
Abduction	1/17	4569678	PG-13
Adaptation	1/31	19717959	R
All the President's Men	1/10	19758737	PG
American Graffiti	1/10	19781731	PG
Babe	1/10	19781768	G
A Beautiful Mind	1/10	19822138	PG-13
Billy Elliot	1/10	19597558	R
Boardwalk Empire: Complete First Season	1/10	3948092	Not Rated
Contagion	1/3	3839581	PG-13
Cool Hand Luke	1/10	19764107	PG
Fast Times at Ridgemont High	1/10	19802434	R
Fever Pitch	1/10	4565963	PG-13
Field Of Dreams	1/10	19802452	PG
Inglourious Basterds	1/10	19802498	R
John Tucker Must Die	1/10	4565954	PG-13
Legally Blonde	1/10	4565981	PG-13
Marley & Me: The Puppy Years	1/3	4407607	PG
Moneyball	1/10	4614869	PG-13
Never Been Kissed	1/10	4565945	PG-13
Nova: Finding Life Beyond Earth	1/10	19737583	Not Rated
Primeval 3	1/10	19754261	Not Rated
Puncture	1/3	19612364	R
Seabiscuit	1/10	19802531	PG-13
Serendipity	1/3	4569705	PG-13
Shark Night	1/3	4566007	PG-13
She's All That	1/3	4569669	PG-13
Sinners & Saints	1/10	4423805	R
That 70s Show: Season 1	1/10	19769933	PG
The Adventures of Milo and Otis	1/24	19765249	G
The Breakfast Club	1/10	19802392	R
The Green Mile	1/10	19764134	R
The Open Road	1/3	19774329	R
The Scorpion King 3: Battle For Redemption	1/10	4601901	PG-13
Waterworld	1/10	19802586	PG-13

Marley & Me: The Puppy Years

Rating: PG | SKU: 4407607

Release Date: 1/3



The Adventures Of Milo & Otis

Rating: G | SKU: 19765249

Release Date: 1/24



Seabiscuit

Rating: PG-13 | SKU: 19738761

Release Date: 1/10



Find Material That's Appropriate For Your Kids

ESRB Game RATINGS & DESCRIPTIONS

GAMING, MEDIA & MORE

ESRB (Entertainment Software Rating Board) Ratings

In order for parents to select gaming software appropriate for their children, ESRB (www.esrb.org) ratings are listed on the front and back of most game packages to provide concise and impartial details about a title's content.



Early Childhood.

Titles with this rating have content that may be suitable for children ages 3 and older. These software titles contain no material that parents would find inappropriate.



Everyone.

Titles with this rating have content that may be suitable for children ages 6 and older. Games in this category may contain minimal cartoon, fantasy, or mild violence and infrequent use of mild language.



Everyone 10+.

Titles with this rating have content that may be suitable for children ages 10 and older. Games in this category may contain more cartoon, fantasy, or mild violence and language as well as minimal suggestive themes.



Teen.

Titles with this rating have content that may be suitable for children ages 13 and older. Titles in this category may contain violence, suggestive themes, crude humor, minimal blood, simulated gambling, or infrequent use of strong language.



Mature.

Titles with this rating have content that may be suitable for persons ages 17 and older. Games in this category may contain intense violence, blood and gore, sexual content, or strong language.



Adults Only.

Titles with this rating have content that is only suitable for persons 18 years and older. Games in this category may include prolonged scenes of intense violence, graphic sexual content, or nudity.

For additional information, ESRB ratings on the back of game packages include content descriptions and depictions.



GAMING FOR PARENTS

Aside from checking a game's ESRB rating, there are other ways you can ensure the games your youngsters are playing are age-appropriate.

- Carefully look at everything on a title's packaging, including the game graphics.
- Find game reviews, screen shots, or demos to get a better idea of a game's content.
- If available, use the game's parental controls to restrict inappropriate content.
- Learn about games by talking to other parents and older children who are familiar with or have played certain titles.
- Participate in your children's gaming and discuss their games as much as possible.
- Be aware of nonrated ESRB material a game may contain. "Mods" are program downloads that can alter a game's content, and online games often have live player chats as well as other user-generated content.

Get The Most Entertainment From A Game System

Game consoles and portable devices are no longer limited to gameplay. They can also access the Internet, download media, and play your favorite DVDs or CDs. To help you find one that suits you best, here's a comparison of models at your local CE retailer.

		Storage space	Compatible memory cards	Optical drive	Video resolution output	Ports	Online community
What It Means		How much data the system can hold	Cards that will let you save and offload data, such as game saves or personal media	Aside from game discs, other playable media formats	Highest number of video pixels that is sent to a TV or portable console screen	Hookups for controllers as well as video and audio outputs	Web site membership for downloads, upgrades, and more
Console Devices	 Sony PlayStation 3 160GB SKU: 3061302	160GB	PlayStation and PlayStation 2 cards with optional USB memory card adapter	CD, DVD, BD	1,920 x 1,080	1 A/V, 1 Ethernet, 1 HDMI, 1 optical digital audio, 2 USB	Yes, free PlayStation Network membership
	 Nintendo Wii SKU: 3668575	512MB	SD, Nintendo GameCube Memory Card	Can only play game titles	720 x 480	4 controller, 1 A/V Multi Out, 2 USB	Nintendo Wi-Fi Connection
	 Microsoft Xbox 360 250GB Console SKU: 1162184	250GB	USB flash drive	CD, DVD	1,920 x 1,080	1 optical audio out, 1 Ethernet, 1 HDMI, 5 USB, Kinect port	Xbox LIVE
Portable Devices	 Nintendo 3DS SKU: 1824267	N/A	SD	None	Upper: 800 x 240 (3D) Lower: 320 x 240	1 headphone	Nintendo Wi-Fi Connection
	 Nintendo DSi SKU: 9249725	256MB	SD	None	Dual 256 x 192	1 headphone, 1 microphone	Nintendo Wi-Fi Connection
	 Nintendo DSi XL SKU: 3449779	256MB	SD	None	Dual 256 x 192	1 headphone, 1 microphone	Nintendo Wi-Fi Connection
	 Sony PlayStation Portable 3000 SKU: 9175082	64MB	Memory Stick Duo	UMD (Universal Media Disc)	480 x 272	1 video out/headset, 1 USB, 1 DC out	Yes, PlayStation Network

GAMING, MEDIA & MORE

	Wi-Fi access; Media streaming	Parental controls	Compatible game formats	Included acces- sories & services	Available accessories	Controllers	Perfect for
	Access the Internet without a cable hookup; send and receive media wirelessly	Helps parents decide what content their kids can or cannot access	Game titles that can be played on the game system	Accessories included with the console	Extras that can help enhance your gameplay	Included controllers; wired/ wireless controller compatibility	Who can benefit from the special features the gaming system offers
	Yes, 802.11b/g; Yes—Netflix and content from your home network	Options available for games, BDs, DVDs, and Internet access	Sony PlayStation 3 titles and select PlayStation titles	DualShock 3 wireless controller, USB cable, PlayStation Network membership, A/V cable	Move Navigation controller, Blu-ray remote, Bluetooth headset, memory card adapter, wireless keypad, cables	Includes 1 DualShock 3 wireless controller; wireless	Someone who wants the value of a full gaming system with a BD player and media streaming
	Yes, 802.11b/g; Yes—Netflix	Options available for games, online features and downloads, and more	Nintendo GameCube and Wii titles	Wii remote and nunchuck, sensor bar, New Super Mario game, console stand, A/V cable, adapter	Wireless Wii remote, wheel, classic (wired) controllers, wireless sensor bar	Includes 1 wireless Wii remote and nunchuck; both (some titles require a wired remote)	Gamers of any age who want a unique wireless gaming experience that requires little gaming knowledge
	Yes, 802.11n; Yes—Netflix and content from your home network	Options available for games, Xbox LIVE, console play time, and a Family Settings pass code	Xbox 360 supports backward compatibility of the original Xbox, Xbox 360, and Xbox LIVE Arcade titles	Wireless controller, headset, A/V cable, free one-month trial to Xbox LIVE Gold	Xbox Kinect, HDMI cable, USB flash drive, Xbox LIVE headset, Play & Charge Kit	Includes 1 wireless controller; wireless	Those who want an Xbox console with a Kinect Sensor to play games only with body movement, built-in wireless capabilities, and more
	Yes; Yes	Options available for games, specific wireless connectivity, 3D functionality, and more	Nintendo 3DS titles and nearly all Nintendo DSi and Nintendo DS titles	Charging cradle, AC adapter, stylus, 2GB SD card, 6 AR cards	Cases, adapters, screen shields	N/A	Users who want a handheld game system that supports 3D games
	Yes; Yes	Options available for Nintendo DSi content	Nintendo DSi and Nintendo DS titles	AC adapter, 2 styli	Audio headset, battery power pack, screen protectors, carrying cases, styli	N/A	Users who want a handheld gaming system that lets them take, personalize, and share photos
	Yes; Yes	Options available for DSi software, DSi Browser, DSi Shop, and more	N/A	Rechargeable battery, AC adapter, stylus, and 4 preinstalled titles	Cases, adapters, headphones, full-sized stylus	N/A	Those who want a handheld gaming system better-suited for social gaming with a large screen
	Yes, 802.11b; Yes	Included	Available for download from PlayStation store	AC adapter, USB cable	Protective screen film, cradle, headphones, memory cards, cases	N/A	Those who need a bigger screen for their gaming, Internet, and media entertainment

Essential Accessories

The console gaming experience goes beyond the game itself—you need the right peripherals as well. Here's a look at a few must-have items that will enhance your gameplay.

GAMING, MEDIA & MORE



Bluetooth Gaming Headsets

If you want to hear your opponents better and strategize out loud in multiplayer games, you need a headset. Some models offer noise-canceling and echo-minimizing mics so you can hear and be heard clearly. For immersive gameplay, you'll also find headsets that simulate surround sound.

Microsoft Xbox 360 Wireless Headset with Bluetooth | SKU: 3463254

Portable Game Console Cases

For those with a portable game console meant for on-the-go use, a case will protect the device from accidental bumps, drops, and scratches. Cases with zippered compartments, padding, mesh interior pockets, and carrying handles help keep all of your portable console's media, styli, chargers, and more in one secure spot.

Rocketfish Starter Kit For PSP | SKU: 8988679

Wireless Controllers

Instead of being tethered to a game console by a controller wire, you can move about as you game with a wireless controller that uses Bluetooth technology. There are models that use AAA batteries to sustain your playing time. And if you need a controller that's easier on your hands, there are ergonomic options.

Sony DualShock 3 Wireless Controller For PlayStation | SKU: 9477247

Gaming Furniture

Upgrade to first-class seating in your game room with a dedicated gaming chair. Many models have built-in speakers that will make you feel like you're in the middle of your game's action. Gaming chairs with integrated vibration motors pulse with the sounds of your game, making every move even more realistic.

Get Fit In The New Year

The New Year is the perfect time for setting and achieving personal goals, especially when it comes to being more fit. These devices can help you track, review, and persevere to become a healthier you.



Withings Wi-Fi Body Scale

When you weigh in, this scale uses Wi-Fi to send key fitness information such as weight and BMI to your personal online dashboard so you can set goals and track your progress.

SKU: 1438149



Zeo Mobile Sleep Manager

Quality sleep is essential for healthy living, so track your restorative and REM sleep with this mobile sleep manager that sends data to your Bluetooth-enabled smartphone.

SKU: 2869936



iHealth Digital Scale With Bluetooth

This digital scale uses a free app and a Bluetooth connection to record your weight on your iPod touch, iPhone, or iPad. From there you can easily track your progress and organize your fitness records.

SKU: 3224081



MOTOACTV Fitness Tracker & Smart Music Player

During your workout, this fitness watch not only tracks your distance, time, pace, and calories burned, but also determines which songs get you moving by tracking your performance against each individual song.

SKU: 3754696



Fitbit Ultra Activity+Sleep Tracker

This fitness tracker is small enough for slipping into a pocket or clipping to a belt or bra for all-day wear. It tracks fitness stats such as distance and calories burned, and can also track your sleeping habits.

SKU: 3440474



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